

Available from

GPO Sales Program  
Division of Technical Information and Document Control  
U. S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Printed copy price: \$9.00

and

National Technical Information Service  
Springfield, Virginia 22161

---

# Title List of Documents Made Publicly Available

March 1-31, 1980

---

Division of Technical Information and Document Control  
Office of Administration  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555





## CONTENTS

|  |     |
|--|-----|
| Preface . . . . .  | v   |
| Arrangement of Items by Docket Number . . . . .  | ix  |
| Arrangement of Docket 50 Items by Facility Name . . . . .  | xv  |
| Docketed Items . . . . .   | 1   |
| Low Level Radwaste Disposal Sites - Docket 27 . . . . .  | 1   |
| Domestic Licensing of Source Material - Docket 40 . . . . .  | 1   |
| Domestic Licensing of Production and Utilization Facilities - Docket 50 . . . . .  | 8   |
| Domestic Licensing of Special Nuclear Material - Docket 70 . . . . .   | 318 |
| Packaging of Radioactive Material for Transport and Transportation of<br>Radioactive Material Under Certain Conditions - Docket 71 . . . . . | 331 |
| Nondocketed Items . . . . .  | 339 |
| 10CFR – Commission Meeting Records . . . . .   | 339 |
| ACRS – Advisory Committee on Reactor Safeguards . . . . .  | 341 |
| COMMISSION – NRC Commissioners . . . . .   | 342 |
| CONTRACT – NRC Contracts and Modifications . . . . .   | 344 |
| FOIA – Freedom of Information Act Requests and Releases . . . . .  | 347 |
| GEN TECH IS – Generic Technical Issues . . . . .   | 352 |
| I&E – Inspection and Enforcement . . . . .   | 352 |
| MISC – Public Document Room Miscellaneous . . . . .  | 353 |
| NUREG – NUREG Reports and Related Correspondence . . . . .   | 355 |
| ORG – Correspondence with Other Organizations . . . . .  | 358 |
| PR – Proposed Rule . . . . .   | 359 |
| PRM – Petition for Rulemaking . . . . .  | 365 |
| PROJ – Projects-Predocket Licensing . . . . .  | 366 |
| QA999 – Quality Assurance Inspections . . . . .  | 367 |
| REGGD – Regulatory Guides . . . . .  | 369 |
| RES – Research and Technical Assistance Reports . . . . .  | 370 |
| REVIEW GRP – NRC Research Review Groups . . . . .  | 371 |
| SECY – Position Papers Before the Commission . . . . .   | 371 |
| STATE PROG – State Programs . . . . .  | 372 |
| TOPREP – Vendor Reports and Related Correspondence . . . . .   | 373 |
| WASTE MTG – Nuclear Waste Management . . . . .   | 376 |
| XPORTLIC – Export and Import Licenses . . . . .  | 378 |
| Personal Author Index . . . . .  | 385 |
| Corporate Source Index . . . . .   | 417 |
| Report Number Index . . . . .  | 445 |
| Cross Reference of Enclosures to Principal Documents . . . . .   | 447 |
| Appendix A - Definitions of Docket 50 Categories . . . . .   | 463 |
| Appendix B - Definitions of Nondocketed Categories . . . . .   | 471 |





## PREFACE

The *Title List of Documents Made Publicly Available* is a monthly publication. It contains descriptions of the information received and generated by the U.S. Nuclear Regulatory Commission (NRC). This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. As used here, *docketed* does not refer to Court dockets; it refers to the system by which NRC maintains its regulatory records. This series of documents is indexed by a Personal Author Index, a Corporate Source Index, and a Report Number Index.

The docketed information includes the information formerly issued through the Department of Energy's Technical Information Center under the title *Power Reactor Docket Information* (PRDI) and, in addition, information received or generated on other uses of radioactive materials. The last issue of PRDI, published in January 1979, was an annual cumulation of the information for 1978. The *Title List* series initiated by this document replaces PRDI, which will no longer be prepared. Plans for providing microfiche of the docketed material will be announced in a future issue of the *Title List* and in other mailings and announcements.

We are making the monthly issues produced in 1979 available free to all who subscribed to PRDI in Calendar Year 1978. We are doing this to encourage your comments, criticisms, and suggestions. In particular, if there are title descriptions that are not meaningful, please let us know so that we can correct the data base. In so far as possible, we would like this document to be a valuable part of your reference material.

## DOCKETED ITEMS

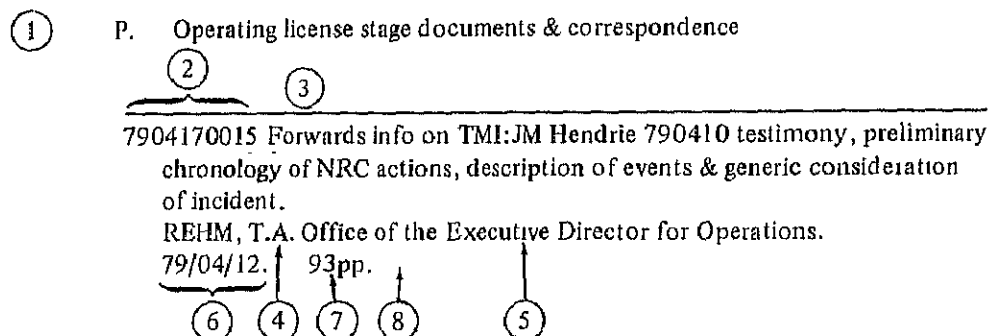
Beginning with Vol. 1, No. 4, the listings within dockets are divided into the categories used for filing and searching in the NRC Public Document Room. Those categories are:

- A. Application/construction stage documents and correspondence
- B. Utility Preliminary Safety Analysis Report (PSAR), amendments
- C. Utility Environmental Report (ER), amendments and correspondence
- D. NRC Draft and Final Environmental (Impact) Statements (DES and FES), and correspondence
- E. NRC Safety Evaluation Report (SER), supplements and correspondence
- F. Security, medical, emergency and fire-protection plans
- G. Adjudicatory correspondence
- H. General correspondence
- I. Financial information
- J. Insurance and indemnity information
- K. Utility Final Safety Analysis Report (FSAR) and amendments
- L. Limited work authorization and related correspondence
- M. Antitrust correspondence
- N. Antitrust hearing transcripts
- O. Advisory Committee on Reactor Safeguards (ACRS) reports and correspondence
- P. Operating license stage documents and correspondence

- Q. Inspection reports, IE Bulletins and correspondence
- R. Periodic operating reports and related correspondence
- S. Reportable occurrences, LERs and related correspondence
- T. Hearing transcripts on non-antitrust matters
- U. Congressional/executive correspondence
- V. Licensing operators and related correspondence
- W. Decommissioning stage documents and correspondence

Appendix A sets forth those categories and described the materials available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the entries in the list are:



1. NRC/PDR Document category (see Appendix A).
2. NRC Accession Number
3. Description of information contained in the document
4. Personal author. An asterisk in this position indicates that there is no personal author.
5. Corporate, agency or nonindividual source
6. Date of document described
7. Pages in document
8. If this space is blank, the document is available to the public only in the NRC Public Document Room, 1717 H St., N.W., Washington, D.C. 20555. If this space is filled, it gives other sources for copies of the document. The entry may be "Available at NRC" for sale; "Available at NTIS"; or "Available at GPO."

The Docketed Items list is arranged sequentially by Docket Number, category, and then by date of principal items. Entries indented and preceded by a dash are items that were submitted as enclosures to principal items. In general, indented items are not in accession number sequence. If the docketed document has a contract (FIN) number or a formal report number, it will appear in the last line of the item following entry 5.

#### NONDOCKETED ITEMS

Beginning with Vol. 1, No. 6, the nondocketed items are divided into the categories used for filing and searching in the NRC Public Document Room. Those categories and their symbols are:

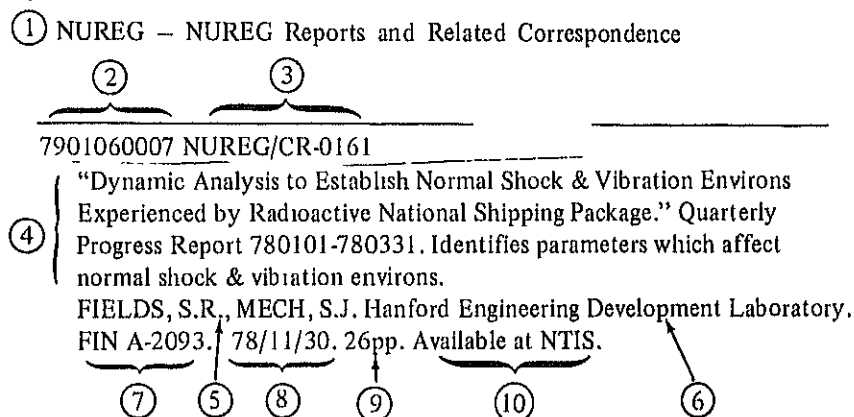
10CFR – Commission Meeting Records  
 ACRS – Advisory Committee on Reactor Safeguards  
 COMMISSION – NRC Commissioners  
 CONTRACT – NRC Contracts and Modifications  
 Act Requests and Releases  
 Issues

pondence  
ns

PR – Proposed Rule  
 PRM – Petition for Rulemaking  
 PROJ – Projects-Predocket Licensing  
 PT21 – Noncompliance Reports and Related Correspondence  
 QA999 – Quality Assurance Inspections  
 REGGD – Regulatory Guides  
 RES – Research and Technical Assistance Reports  
 REVIEW GRP – NRC Research Review Groups  
 RM – Rulemakings  
 SECY – Position Papers Before the Commission  
 STATE PROG – State Programs  
 TOPREP – Vendor Reports and Related Correspondence  
 WASTE MGT – Nuclear Waste Management  
 XPORTLIC – Export and Import Licenses

Appendix B sets forth these categories and describes the material available in each. Omission of a category in the listing for a docket indicates that no documents in that category were filed in the time period of the report.

The principal elements of the nondocketed items are:



1. Nondocketed category
2. NRC Accession Number
3. NRC Report Number
4. Title and description of information contained in the document
5. Personal author(s). An asterisk in this position indicates that there is no personal author
6. Corporate, agency or other nonindividual source
7. Contract or financial (FIN) number (if any). If the document has a secondary report number it will appear following this entry.
8. Date of document described
9. Pages in document
10. If this space is blank, the document is available to the public only in the NRC Public Document Room, 1717 H St., N.W., Washington, D.C. 20555. If this space is filled, it gives other sources for copies of the document. The entry may be "Available at NRC" for sale; "Available at NTIS"; or Available at GPO."

The Nondocketed Items list is arranged sequentially by Accession Number within category. Indented items preceded by a dash are enclosures to unindented items.

NOTES:

1. The address for NTIS is.  
National Technical Information Service  
Springfield, Virginia 22161

To place orders for or to obtain price information about NRC publications at NTIS, either write to NTIS or call the Sales Desk at (703) 557-4650. Specify the NRC report number and title when you place your order. Publications can be charged to American Express credit cards; supply the charge-card number when placing your order.

2. The address for GPO is:  
Superintendent of Documents  
Government Printing Office  
Washington, D.C. 20402

To place orders for or to obtain price information about NRC publications at GPO, either write to GPO or call the Inquiry Desk at (202) 783-3238. Publications can be charged to VISA or Master-charge credit cards; supply the chargecard number when placing your order.

- 3 The address for the PDR is.  
1717 H Street, N.W.  
Washington, D.C. 20555

To place orders, either write to the NRC PDR or call (202) 634-3274. When ordering documents listed in this publication, please identify the Document Accession Number for each citation.

Paper copy and microfiche of the documents listed in this title list may be purchased. Reproduction charges for duplication are as follows: 8¢ per page for standard size paper; 11¢ per page for oversized paper (drawings); 25¢ per microfiche for 24x diazo duplicates. A minimum charge of \$2.00 plus postage is charged for mail orders.

Please acknowledge a willingness to assume charges for all orders but do not send payments. Orders will be processed and mailed with a bill from Potomac Research, Inc.

## ALPHABETIC ARRANGEMENT OF DOCKET 50 ITEMS BY FACILITY NAME

| Name   | Docket     | Page | Name  | Docket     | Page |
|--|------------|------|---|------------|------|
| Allens Creek Nuclear Station, Unit 1         | 50-466     | 277  | Browns Ferry Nuclear Power Station, Unit 1      | 50-259     | 52   |
| Allens Creek Nuclear Station, Unit 2         | 50-467     | 278  | Browns Ferry Nuclear Power Station, Unit 2      | 50-260     | 55   |
| Arkansas Nuclear One, Unit 1                 | 50-313     | 141  | Browns Ferry Nuclear Power Station, Unit 3      | 50-296     | 116  |
| Arkansas Nuclear One, Unit 2                 | 50-368     | 218  | Brunswick Steam Electric Plant, Unit 1          | 50-325     | 169  |
| Army Materials Research Reactor              | 50-47      | 15   | Brunswick Steam Electric Plant, Unit 2          | 50-324     | 167  |
| Duane Arnold Energy Center                   | 50-331     | 179  | Byron Station, Unit 1                           | 50-454     | 270  |
| Asco Fesca I Nuclear Power Station,<br>Spain | 50-589     | 318  | Byron Station, Unit 2                           | 50-455     | 271  |
| Atlantic Generating Station, Unit 1          | STN-50-477 | 278  | Calloway Plant, Unit 1                          | STN-50-483 | 280  |
| Atlantic Generating Station, Unit 2          | STN-50-478 | 278  | Calloway Plant, Unit 2                          | STN-50-486 | 282  |
| Babcock & Wilcox Co. Critical Facility       | 50-13      | 12   | Calvert Cliffs Nuclear Power Plant,<br>Unit 1   | 50-317     | 146  |
| Babcock & Wilcox Co. Test Reactor            | 50-99      | 16   | Calvert Cliffs Nuclear Power Plant,<br>Unit 2   | 50-318     | 148  |
| Bagnac Nuclear Power Project, Philippines    | STN-50-574 | 317  | Caorso Nuclear Station, Italy                   | 50-378     | 225  |
| Bailly Generating Station                    | 50-367     | 216  | Carroll Facility I                              | 50-599     | 318  |
| Barnwell Reprocessing Plant                  | 50-332     | 182  | Carroll Facility II                             | 50-600     | 318  |
| Beaver Valley Power Station, Unit 1          | 50-334     | 184  | Catawba Nuclear Station, Unit 1                 | 50-413     | 248  |
| Beaver Valley Power Station, Unit 2          | 50-412     | 248  | Catawba Nuclear Station, Unit 2                 | 50-414     | 250  |
| Bellefonte Nuclear Plant, Unit 1             | 50-438     | 257  | Catholic Univ. of America Research<br>Reactor   | 50-77      | 15   |
| Bellefonte Nuclear Plant, Unit 2             | 50-439     | 258  | CESSAR System 80                                | STN-50-470 | 278  |
| Beznau Nuclear Station, Switzerland          | 50-273     | 82   | Cherokee Nuclear Station, Unit 1                | STN-50-491 | 284  |
| Big Rock Point Nuclear Power Plant           | 50-155     | 19   | Cherokee Nuclear Station, Unit 2                | STN-50-492 | 285  |
| Black Fox Station, Unit 1                    | STN-50-556 | 312  | Cherokee Nuclear Station, Unit 3                | STN-50-493 | 286  |
| Black Fox Station, Unit 2                    | STN-50-557 | 314  | Clinch River Breeder Reactor                    | 50-537     | 307  |
| Blue Hills Station, Unit 1                   | 50-510     | 296  | Clinton Power Station, Unit 1                   | 50-461     | 275  |
| Blue Hills Station, Unit 2                   | 50-511     | 296  | Clinton Power Station, Unit 2                   | 50-462     | 276  |
| Braidwood Station, Unit 1                    | 50-456     | 272  | Columbia Univ. Research Reactor                 | 50-208     | 25   |
| Braidwood Station, Unit 2                    | 50-457     | 273  | Comanche Peak Steam Electric Station,<br>Unit 1 | 50-445     | 263  |
| Brigham Young Univ. Research<br>Reactor      | 50-262     | 60   |   |            |      |

| Name   | Docket     | Page | Name   | Docket     | Page |
|--|------------|------|--|------------|------|
| Comanche Peak Steam Electric Station, Unit 2 | 50-446     | 266  | Fulton Generating Station, Unit 1                | 50-463     | 277  |
| Donald C. Cook Nuclear Power Plant, Unit 1   | 50-315     | 142  | Fulton Generating Station, Unit 2                | 50-464     | 277  |
| Donald C. Cook Nuclear Power Plant, Unit 2   | 50-316     | 144  | General Electric Co. Critical Experiment         | 50-24      | 13   |
| Cooper Nuclear Station                       | 50-298     | 118  | General Electric Test Reactor                    | 50-70      | 15   |
| Cornell Univ. Research Reactor               | 50-157     | 21   | General Electric Nuclear Test Reactor            | 50-73      | 15   |
| Cornell Univ. Zero Power Reactor             | 50-97      | 16   | Georgia Institute of Technology Research Reactor | 50-160     | 21   |
| Crystal River Nuclear Plant, Unit 3          | 50-302     | 122  | Georgia Tech Research Reactor                    | 50-276     | 84   |
| Davis-Besse Nuclear Power Station, Unit 1    | 50-346     | 200  | GESSAR-238-BOP Interface                         | STN-50-550 | 310  |
| Davis-Besse Nuclear Power Station, Unit 2    | 50-500     | 294  | GESSAR-251                                       | STN-50-531 | 307  |
| Davis-Besse Nuclear Power Station, Unit 3    | 50-501     | 294  | Robert Emmet Ginna Nuclear Plant, Unit 1         | 50-244     | 33   |
| Diablo Canyon Nuclear Power Plant, Unit 1    | 50-275     | 82   | Grand Gulf Nuclear Station, Unit 1               | 50-416     | 251  |
| Diablo Canyon Nuclear Power Plant, Unit 2    | 50-323     | 164  | Grand Gulf Nuclear Station, Unit 2               | 50-417     | 252  |
| Dow Chemical Co. Research Reactor            | 50-264     | 63   | Greene Country Nuclear Power Plant               | 50-549     | 310  |
| Dresden Nuclear Power Station, Unit 1        | 50-10      | 10   | Haddam Neck Plant                                | 50-213     | 25   |
| Dresden Nuclear Power Station, Unit 2        | 50-237     | 31   | Shearon Harris Nuclear Power Plant, Unit 1       | 50-400     | 237  |
| Dresden Nuclear Power Station, Unit 3        | 50-249     | 40   | Shearon Harris Nuclear Power Plant, Unit 2       | 50-401     | 239  |
| Erie Nuclear Plant, Unit 1                   | STN-50-580 | 317  | Shearon Harris Nuclear Power Plant, Unit 3       | 50-402     | 240  |
| Erie Nuclear Plant, Unit 2                   | STN-50-581 | 317  | Shearon Harris Nuclear Power Plant, Unit 4       | 50-403     | 242  |
| Joseph M. Farley Nuclear Plant, Unit 1       | 50-348     | 203  | Hartsville Nuclear Plant, Unit 1                 | STN-50-518 | 298  |
| Joseph M. Farley Nuclear Plant, Unit 2       | 50-364     | 213  | Hartsville Nuclear Plant, Unit 2                 | STN-50-519 | 299  |
| Enrico Fermi Atomic Power Plant, Unit 1      | 50-16      | 12   | Hartsville Nuclear Plant, Unit 3                 | STN-50-520 | 300  |
| Enrico Fermi Atomic Power Plant, Unit 2      | 50-341     | 195  | Hartsville Nuclear Plant, Unit 4                 | STN-50-521 | 302  |
| James A. Fitzpatrick Nuclear Power Plant     | 50-333     | 182  | Edwin I. Hatch Nuclear Plant, Unit 1             | 50-321     | 161  |
| Floating Nuclear Plant                       | STN-50-437 | 256  | Edwin I. Hatch Nuclear Plant, Unit 2             | 50-366     | 215  |
| Forked River Nuclear Station, Unit 1         | 50-363     | 213  | Hope Creek Nuclear Station, Unit 1               | 50-354     | 207  |
| Fort Calhoun Station, Unit 1                 | 50-285     | 96   | Hope Creek Nuclear Station, Unit 2               | 50-355     | 208  |
| Fort St. Vrain Nuclear Generating Station    | 50-267     | 68   | Humboldt Bay Power Plant, Unit 3                 | 50-133     | 17   |
|  |            |      | Idaho State Univ. Research Reactor               | 50-284     | 96   |
|  |            |      | Indian Point Station, Unit 1                     | 50-3       | 9    |
|  |            |      | Indian Point Station, Unit 2                     | 50-247     | 37   |
|  |            |      | Indian Point Station, Unit 3                     | 50-286     | 97   |

| Name  | Docket     | Page | Name   | Docket     | Page |
|---|------------|------|--|------------|------|
| Indonesia Research Reactor                                | 50-209     | 25   | NEP Nuclear, Unit 2  | STN-50-569 | 316  |
| Iowa State Univ. Research Reactor                         | 50-116     | 17   | New Haven, Unit 1  | STN-50-596 |      |
| Jamesport Nuclear Station, Unit 1                         | STN-50-516 | 297  | New Haven, Unit 2  | STN-50-597 |      |
| Jamesport Nuclear Station, Unit 2                         | STN-50-517 | 297  | Nine Mile Point Nuclear Station,<br>Unit 1                 | 50-220     | 30   |
| Kansas State Univ. Research Reactor                       | 50-188     | 22   | Nine Mile Point Nuclear Station,<br>Unit 2                 | 50-410     | 247  |
| Kewaunee Nuclear Power Plant                              | 50-305     | 128  | North Anna Power Station, Unit 1                           | 50-338     | 190  |
| La Crosse Boiling Water Reactor                           | 50-409     | 245  | North Anna Power Station, Unit 2                           | 50-339     | 193  |
| LaSalle County Station, Unit 1                            | 50-373     | 222  | North Anna Power Station, Unit 3                           | 50-404     | 243  |
| LaSalle County Station, Unit 2                            | 50-374     | 224  | North Anna Power Station, Unit 4                           | 50-405     | 244  |
| Limerick Generating Station, Unit 1                       | 50-352     | 205  | North Carolina State Univ. PULSTAR<br>Reactor              | 50-297     | 118  |
| Limerick Generating Station, Unit 2                       | 50-353     | 206  | North Carolina State Univ. Research<br>Reactor             | 50-111     | 16   |
| Maine Yankee Atomic Power Plant                           | 50-309     | 132  | North Coast Nuclear Plant                                  | 50-376     |      |
| Manhattan College Research Reactor                        | 50-199     | 22   | Nuclear Examination Reactor                                | 50-375     | 225  |
| Marble Hill Nuclear Station, Unit 1                       | STN-50-546 | 307  | Oconee Nuclear Station, Unit 1                             | 50-269     | 69   |
| Marble Hill Nuclear Station, Unit 2                       | STN-50-547 | 309  | Oconee Nuclear Station, Unit 2                             | 50-270     | 72   |
| Massachusetts Institute of Technology<br>Research Reactor | 50-20      | 13   | Oconee Nuclear Station, Unit 3                             | 50-287     | 100  |
| William B. McGuire Nuclear Station,<br>Unit 1             | 50-369     | 220  | Ohio State Univ. Research Reactor                          | 50-150     | 19   |
| William B. McGuire Nuclear Station,<br>Unit 2             | 50-370     | 221  | Omaha Veterans Administration Hospital<br>Research Reactor | 50-131     | 17   |
| Memphis State Univ. Research Reactor                      | 50-538     | 307  | Oregon State Univ.   | 50-106     |      |
| Michigan State Univ. Research Reactor                     | 50-294     | 114  | Oregon State Univ. Research Reactor                        | 50-243     |      |
| Midland Plant, Unit 1                                     | 50-329     | 175  | Oyster Creek Nuclear Power Plant                           | 50-219     | 27   |
| Midland Plant, Unit 2                                     | 50-330     | 177  | Palisades Nuclear Plant                                    | 50-255     | 49   |
| Millstone Nuclear Power Station,<br>Unit 1                | 50-245     | 35   | Palo Verde Nuclear Station, Unit 1                         | STN-50-528 | 304  |
| Millstone Nuclear Power Station,<br>Unit 2                | 50-336     | 188  | Palo Verde Nuclear Station, Unit 2                         | STN-50-529 | 305  |
| Millstone Nuclear Power Station,<br>Unit 3                | 50-423     | 254  | Palo Verde Nuclear Station, Unit 3                         | STN-50-530 | 306  |
| Montague Nuclear Power Station, Unit 1                    | 50-496     | 287  | Peach Bottom Atomic Power Station,<br>Unit 1               | 50-171     | 22   |
| Montague Nuclear Power Station, Unit 2                    | 50-497     | 287  | Peach Bottom Atomic Power Station,<br>Unit 2               | 50-277     | 84   |
| Monticello Nuclear Generating Plant                       | 50-263     | 60   | Peach Bottom Atomic Power Station,<br>Unit 3               | 50-278     | 87   |
| National Bureau of Standards Reactor                      | 50-184     | 22   | Pebble Springs Nuclear Plant, Unit 1                       | 50-514     | 296  |
| National Naval Medical Center                             | 50-170     | 21   | Pebble Springs Nuclear Plant, Unit 2                       | 50-515     | 297  |
| NEP Nuclear, Unit 1                                       | STN-50-568 | 316  |  |            |      |



| <b>Name</b>                               | <b>Docket</b> | <b>Page</b> | <b>Name</b>                                | <b>Docket</b> | <b>Page</b> |
|---|---------------|-------------|--|---------------|-------------|
| Pennsylvania State Univ. Research Reactor | 50-5          | 10          | San Onofre Nuclear Station, Unit 2         | 50-361        | 211         |
| Perkins Nuclear Station, Unit 1           | STN-50-488    | 283         | San Onofre Nuclear Station, Unit 3         | 50-362        | 212         |
| Perkins Nuclear Station, Unit 2           | STN-50-489    | 283         | Seabrook Nuclear Station, Unit 1           | 50-443        | 260         |
| Perkins Nuclear Station, Unit 3           | STN-50-490    | 284         | Seabrook Nuclear Station, Unit 2           | 50-444        | 261         |
| Perry Nuclear Power Plant, Unit 1         | 50-440        | 259         | Sequoyah Nuclear Plant, Unit 1             | 50-327        | 172         |
| Perry Nuclear Power Plant, Unit 2         | 50-441        | 260         | Sequoyah Nuclear Plant, Unit 2             | 50-328        | 174         |
| Perryman, Unit 1                          | 50-586        | 317         | Shoreham Nuclear Power Station             | 50-322        | 163         |
| Phipps Bend Nuclear Plant, Unit 1         | STN-50-553    | 310         | Skagit Nuclear Power Project, Unit 1       | STN-50-522    | 303         |
| Phipps Bend Nuclear Plant, Unit 2         | STN-50-554    | 311         | Skagit Nuclear Power Project, Unit 2       | STN-50-523    | 304         |
| Pilgrim Nuclear Power Station, Unit 1     | 50-293        | 111         | South Texas Project, Unit 1                | STN-50-498    | 287         |
| Pilgrim Nuclear Power Station, Unit 2     | 50-471        | 278         | South Texas Project, Unit 2                | STN-50-499    | 290         |
| Pilgrim Nuclear Power Station, Unit 3     | 50-472        | 278         | State Univ. of New York Research Reactor   | 50-57         | 15          |
| Plum Brook Reactor - Mock-up              | 50-185        | 22          | Sterling Power Project, Nuclear, Unit 1    | STN-50-485    | 281         |
| Plum Brook Research Reactor Facility      | 50-30         | 15          | St. Lucie Plant, Unit 1                    | 50-335        | 186         |
| Point Beach Nuclear Plant, Unit 1         | 50-266        | 65          | St. Lucie Plant, Unit 2                    | 50-389        | 230         |
| Point Beach Nuclear Plant, Unit 2         | 50-301        | 120         | Virgil C. Summer Nuclear Station, Unit 1   | 50-395        | 234         |
| Prairie Island Nuclear Station, Unit 1    | 50-282        | 94          | Surry Power Station, Unit 1                | 50-280        | 89          |
| Prairie Island Nuclear Station, Unit 2    | 50-306        | 130         | Surry Power Station, Unit 2                | 50-281        | 91          |
| Purdue Univ. Research Reactor             | 50-182        | 22          | Susquehanna Steam Electric Station, Unit 1 | 50-387        | 226         |
| Quad-Cities Station, Unit 1               | 50-254        | 47          | Susquehanna Steam Electric Station, Unit 2 | 50-388        | 228         |
| Quad-Cities Station, Unit 2               | 50-265        | 63          | SWESSAR-P1                                 | STN-50-495    | 287         |
| Rancho Seco Nuclear Generating Station    | 50-312        | 136         | Texas A&M Univ. Research Reactor           | 50-54         | 15          |
| Reed College Research Reactor             | 50-288        | 103         | Texas A&M Univ. Research Reactor           | 50-128        | 17          |
| Rhode Island & Providence Plantations AEC | 50-193        | 22          | Three Mile Island Nuclear Station, Unit 1  | 50-289        | 104         |
| Ringhals, Unit 3, Sweden                  | 50-465        | 277         | Three Mile Island Nuclear Station, Unit 2  | 50-320        | 151         |
| River Bend Station, Unit 1                | 50-458        | 273         | Trojan Nuclear Plant                       | 50-344        | 197         |
| River Bend Station, Unit 2                | 50-459        | 274         | Turkey Point Plant, Unit 3                 | 50-250        | 42          |
| H.B. Robinson Plant, Unit 2               | 50-261        | 58          | Turkey Point Plant, Unit 4                 | 50-251        | 44          |
| RPI Critical Experiment                   | 50-225        | 31          | Fuskegee Institute Research Reactor        | 50-406        | 245         |
| Salem Nuclear Generating Station, Unit 1  | 50-272        | 78          | Tyrone Energy Park, Unit 1                 | STN-50-484    |             |
| Salem Nuclear Generating Station, Unit 2  | 50-311        | 134         | UCLA Training Reactor                      | 50-142        | 18          |
| San Onofre Nuclear Station, Unit 1        | 50-206        | 23          |  |               |             |

| Name   | Docket | Page | Name   | Docket     | Page |
|--|--------|------|--|------------|------|
| Union Carbide Research Reactor                           | 50-54  | 15   | Alvin W. Vogtle Nuclear Plant, Unit 1            | 50-424     | 255  |
| Univ. of California at Santa Barbara<br>Research Reactor | 50-433 | 256  | Alvin W. Vogtle Nuclear Plant, Unit 2            | 50-425     | 255  |
| Univ. of California Research Reactor                     | 50-224 | 31   | Washington State Univ. Research<br>Reactor       | 50-27      | 13   |
| Univ. of Delaware Research Reactor                       | 50-98  | 16   | Waterford Generating Station,<br>Unit 3          | 50-382     | 225  |
| Univ. of Florida Training Reactor                        | 50-83  | 16   | Watts Bar Nuclear Plant, Unit 1                  | 50-390     | 231  |
| Univ. of Illinois LOPRA Research<br>Reactor              | 50-356 | 209  | Watts Bar Nuclear Plant, Unit 2                  | 50-391     | 233  |
| Univ. of Illinois Research Reactor                       | 50-151 | 19   | Westinghouse Critical Experiment                 | 50-87      | 16   |
| Univ. of Kansas Research Reactor                         | 50-148 | 19   | Westinghouse Test Reactor                        | 50-22      | 13   |
| Univ. of Lowell Research Reactor                         | 50-223 | 31   | West Valley Reprocessing Plant                   | 50-201     | 22   |
| Univ. of Maryland Research Reactor                       | 50-166 | 21   | West Virginia Univ. Research Reactor             | 50-129     | 17   |
| Univ. of Michigan Research Reactor                       | 50-2   | 8    | Wolf Creek Generating Station                    | STN-50-482 | 278  |
| Univ. of Missouri Research Reactor                       | 50-123 | 17   | Worcester Polytech Institute Research<br>Reactor | 50-134     | 18   |
| Univ. of Missouri Research Reactor                       | 50-186 | 22   | WPPSS Nuclear Project, Unit 1                    | 50-460     | 275  |
| Univ. of New Mexico Research Reactor                     | 50-252 | 47   | WPPSS Nuclear Project, Unit 2                    | 50-397     | 236  |
| Univ. of Oklahoma Research Reactor                       | 50-112 | 16   | WPPSS Nuclear Project, Unit 3                    | STN-50-508 | 294  |
| Univ. of Texas Research Reactor                          | 50-192 | 22   | WPPSS Nuclear Project, Unit 4                    | 50-513     | 296  |
| Univ. of Utah Research Reactor                           | 50-72  | 15   | WPPSS Nuclear Project, Unit 5                    | STN-50-509 | 295  |
| Univ. of Utah Research Reactor                           | 50-407 | 245  | Yankee-Rowe Nuclear Power<br>Station             | 50-29      | 13   |
| Univ. of Virginia Cavalier Reactor                       | 50-396 | 236  | Yellow Creek Nuclear Plant, Unit 1               | STN-50-566 | 315  |
| Univ. of Virginia Research Reactor                       | 50-62  | 16   | Yellow Creek Nuclear Plant, Unit 2               | STN-50-567 | 316  |
| Univ. of Wisconsin Research Reactor                      | 50-156 | 21   | William H. Zimmer Nuclear Station,<br>Unit 1     | 50-358     | 209  |
| U.S. Geological Survey Research<br>Reactor               | 50-274 | 82   | Zion Nuclear Power Station, Unit 1               | 50-295     | 114  |
| Vallecitos Boiling Water Reactor                         | 50-18  | 12   | Zion Nuclear Power Station, Unit 2               | 50-304     | 126  |
| Vermont Yankee Nuclear Power<br>Station                  | 50-271 | 76   |  |            |      |
| Virginia Polytech Institute Training<br>Reactor          | 50-124 | 17   |  |            |      |



## ARRANGEMENT OF ITEMS BY DOCKET NUMBER

| Docket  | Name   | Page | Docket  | Name  | Page |
|---------|--|------|---------|---|------|
| 27-047  | Barnwell, SC, Chem-Nuclear Systems, Inc.               | 1    | 40-8502 | Irigaray Mine, Wyoming Mining Corp.                     | 6    |
| 27-048  | Richland, WA, Nuclear Engineering Co.                  | 1    | 40-8584 | Union 76 Minerals Exploration Co.                       | 6    |
| 40-0215 | S.F. Appliance, Ltd.                                   | 1    | 40-8585 | Wyoming Mineral Corp.                                   | 6    |
| 40-0299 | Union Carbide Corp.                                    | 1    | 40-8601 | Dept. of Air Force, USAF Hospital Vandenberg, CA        | 7    |
| 40-0341 | General Services Administration                        | 1    | 40-8602 | United Nuclear Corp.                                    | 7    |
| 40-1162 | Western Nuclear, Inc.                                  | 1    | 40-8647 | Kerr-McGee Corp.  | 7    |
| 40-1341 | Edgemont Uranium Mine, TVA and Mines Development, Inc. | 1    | 40-8675 | Energy Fuels Nuclear, Inc.                              | 7    |
| 40-2061 | West Chicago Facility, Kerr-McGee Corp.                | 2    | 40-8681 | Energy Fuels Nuclear, Inc.                              | 7    |
| 40-2259 | Pathfinder Mines Corp.                                 | 2    | 40-8693 | Ogle Petroleum, Inc.                                    | 7    |
| 40-3392 | Allied Chemical Corp.                                  | 2    | 40-8697 | Rocky Mountain Energy Co.                               | 7    |
| 40-3453 | Atlas Minerals   | 3    | 40-8698 | Plateau Resources, Ltd.                                 | 7    |
| 40-4492 | Federal American Partners (Mining)                     | 3    | 40-8702 | Dept. of Army, Armament Materials Readiness Command     | 7    |
| 40-6264 | Michigan Chemical Corp.                                | 3    | 40-8713 | Dept. of Navy, Naval Air Rework Facility, San Diego, CA | 7    |
| 40-6622 | Pathfinder Mines Corp.                                 | 5    | 40-8721 | Rocky Mountain Energy Co.                               | 8    |
| 40-6659 | Petrochemicals Co., Getty Oil                          | 5    | 40-8722 | Brush-Wellman, Inc.                                     | 8    |
| 40-7869 | Plateau Resources, Ltd.                                | 5    | 40-8727 | Kerr-McGee Nuclear Corp.                                | 8    |
| 40-8027 | Kerr-McGee Corp.                                       | 5    | 40-8728 | Teton Exploration Drilling Co., Inc.                    | 8    |
| 40-8052 | Mitsui & Co. (USA), Inc.                               | 5    | 40-8745 | Ogle Petroleum  | 8    |
| 40-8064 | Exxon Minerals Co. USA, Exxon Corp.                    | 5    | 40-8747 | Everest Minerals Corp.                                  | 8    |
| 40-8084 | Lisbon Mine, Rio Algom Corp.                           | 5    | 50-2    | Univ. of Michigan Research Reactor                      | 8    |
| 40-8102 | Exxon Minerals Co. USA, Exxon Corp.                    | 5    | 50-3    | Indian Point Station, Unit 1                            | 9    |
| 40-8188 | Ledoux & Co.   | 5    | 50-5    | Pennsylvania State Univ. Research Reactor               | 10   |
| 40-8304 | Wyoming Mineral Corp.                                  | 5    | 50-10   | Dresden Nuclear Power Station, Unit 1                   | 10   |
| 40-8348 | In Situ Uranium Leaching Project                       | 5    | 50-13   | Babcock & Wilcox Co. Critical Facility                  | 12   |
| 40-8380 | Rocky Mountain Energy Co.                              | 6    | 50-16   | Enrico Fermi Atomic Power Plant, Unit 1                 | 12   |
| 40-8434 | Home State Mining Co. LA                               | 6    | 50-18   | Vallecitos Boiling Water Reactor                        | 12   |
| 40-8452 | Bear Creek Uranium Co.                                 | 6    |         |   |      |

| Docket | Name  | Page | Docket | Name   | Page |
|--------|---|------|--------|--|------|
| 50-20  | Massachusetts Institute of Technology Research Reactor  | 13   | 50-148 | Univ. of Kansas Research Reactor                 | 19   |
| 50-22  | Westinghouse Test Reactor                               | 13   | 50-150 | Ohio State Univ. Research Reactor                | 19   |
| 50-24  | General Electric Co. Critical Experiment                | 13   | 50-151 | Univ. of Illinois Research Reactor               | 19   |
| 50-27  | Washington State Univ. Research Reactor                 | 13   | 50-155 | Big Rock Point Nuclear Plant                     | 19   |
| 50-29  | Yankee-Rowe Nuclear Power Station                       | 13   | 50-156 | Univ. of Wisconsin Research Reactor              | 21   |
| 50-30  | Plum Brook Research Reactor Facility                    | 15   | 50-157 | Cornell Univ. Research Reactor                   | 21   |
| 50-47  | Army Materials Research Reactor                         | 15   | 50-160 | Georgia Institute of Technology Research Reactor | 21   |
| 50-54  | Union Carbide Research Reactor                          | 15   | 50-166 | Univ. of Maryland Research Reactor               | 21   |
| 50-57  | State Univ. of New York Research Reactor                | 15   | 50-170 | National Naval Medical Center                    | 21   |
| 50-59  | Texas A&M Univ. Research Reactor                        | 15   | 50-171 | Peach Bottom Atomic Power Station, Unit 1        | 22   |
| 50-62  | Univ. of Virginia Research Reactor                      | 15   | 50-182 | Purdue Univ. Research Reactor                    | 22   |
| 50-70  | General Electric Test Reactor                           | 15   | 50-184 | National Bureau of Standards Reactor             | 22   |
| 50-72  | Univ. of Utah Research Reactor                          | 15   | 50-185 | Plum Brook Reactor - Mock-Up                     | 22   |
| 50-73  | General Electric Nuclear Test Reactor                   | 15   | 50-186 | Univ. of Missouri Research Reactor               | 22   |
| 50-77  | Catholic Univ. of America Research Reactor              | 15   | 50-188 | Kansas State Univ. Research Reactor              | 22   |
| 50-83  | Univ. of Florida Training Reactor                       | 16   | 50-192 | Univ. of Texas Research Reactor                  | 22   |
| 50-87  | Westinghouse Critical Experiment                        | 16   | 50-193 | Rhode Island & Providence Plantations AEC        | 22   |
| 50-97  | Cornell Univ. Zero Power Reactor                        | 16   | 50-199 | Manhattan College Research Reactor               | 22   |
| 50-98  | Univ. of Delaware Research Reactor                      | 16   | 50-201 | West Valley Reprocessing Plant                   | 22   |
| 50-99  | Babcock & Wilcox Test Reactor                           | 16   | 50-206 | San Onofre Nuclear Station, Unit 1               | 23   |
| 50-111 | North Carolina State Univ. Research Reactor             | 16   | 50-208 | Columbia Univ. Research Reactor                  | 25   |
| 50-112 | Univ. of Oklahoma Research Reactor                      | 16   | 50-209 | Indonesia Research Reactor                       | 25   |
| 50-116 | Iowa State Univ. Research Reactor                       | 17   | 50-213 | Haddam Neck Plant                                | 25   |
| 50-123 | Univ. of Missouri Research Reactor                      | 17   | 50-219 | Oyster Creek Nuclear Power Plant                 | 27   |
| 50-124 | Virginia Polytech Institute Training Reactor            | 17   | 50-220 | Nine Mile Point Nuclear Station, Unit 1          | 30   |
| 50-128 | Texas A&M Univ. Research Reactor                        | 17   | 50-223 | Univ. of Lowell Research Reactor                 | 31   |
| 50-129 | West Virginia Univ. Research Reactor                    | 17   | 50-224 | Univ. of California Research Reactor             | 31   |
| 50-131 | Omaha Veterans Administration Hospital Research Reactor | 17   | 50-225 | RPI Critical Experiment                          | 31   |
| 50-133 | Humboldt Bay Power Plant, Unit 3                        | 17   | 50-237 | Dresden Nuclear Power Station, Unit 2            | 31   |
| 50-134 | Worcester Polytech Institute Research Reactor           | 18   | 50-244 | Robert Emmet Ginna Nuclear Plant, Unit 1         | 33   |
| 50-142 | UCLA Training Reactor                                   | 18   | 50-245 | Millstone Nuclear Power Station, Unit 1          | 35   |
|        |   |      | 50-247 | Indian Point Station, Unit 2                     | 37   |
|        |   |      | 50-249 | Dresden Nuclear Power Station, Unit 3            | 40   |

| Docket | Name                                       | Page | Docket | Name                                       | Page |
|--------|--|------|--------|--|------|
| 50-250 | Turkey Point Plant, Unit 3                 | 42   | 50-289 | Three Mile Island Nuclear Station, Unit 1  | 104  |
| 50-251 | Turkey Point Plant, Unit 4                 | 44   | 50-293 | Pilgrim Nuclear Power Station, Unit 1      | 111  |
| 50-252 | Univ. of New Mexico Research Reactor       | 47   | 50-294 | Michigan State Univ. Research Reactor      | 114  |
| 50-254 | Quad-Cities Station, Unit 1                | 47   | 50-295 | Zion Nuclear Power Station, Unit 1         | 114  |
| 50-255 | Palisades Nuclear Plant                    | 49   | 50-296 | Browns Ferry Nuclear Power Station, Unit 3 | 116  |
| 50-259 | Browns Ferry Nuclear Power Station, Unit 1 | 52   | 50-297 | North Carolina State Univ. PULSTAR Reactor | 118  |
| 50-260 | Browns Ferry Nuclear Power Station, Unit 2 | 55   | 50-298 | Cooper Nuclear Station                     | 118  |
| 50-261 | H. B. Robinson Plant, Unit 2               | 58   | 50-301 | Point Beach Nuclear Plant, Unit 2          | 120  |
| 50-262 | Brigham Young Univ. Research Reactor       | 60   | 50-302 | Crystal River Nuclear Plant, Unit 3        | 122  |
| 50-263 | Monticello Nuclear Generating Plant        | 60   | 50-304 | Zion Nuclear Power Station, Unit 2         | 126  |
| 50-264 | Dow Chemical Co.                           | 63   | 50-305 | Kewaunee Nuclear Power Plant               | 128  |
| 50-265 | Quad-Cities Station, Unit 2                | 63   | 50-306 | Prairie Island Nuclear Station, Unit 2     | 130  |
| 50-266 | Point Beach Nuclear Plant, Unit 1          | 65   | 50-309 | Mame Yankee Atomic Power Plant             | 132  |
| 50-267 | Fort St. Vrain Nuclear Generating Station  | 68   | 50-311 | Salem Nuclear Generating Station, Unit 2   | 134  |
| 50-269 | Oconee Nuclear Station, Unit 1             | 69   | 50-312 | Rancho Seco Nuclear Generating Station     | 136  |
| 50-270 | Oconee Nuclear Station, Unit 2             | 72   | 50-313 | Arkansas Nuclear One, Unit 1               | 141  |
| 50-271 | Vermont Yankee Nuclear Power Station       | 76   | 50-315 | Donald C. Cook Nuclear Power Plant, Unit 1 | 142  |
| 50-272 | Salem Nuclear Generating Station, Unit 1   | 78   | 50-316 | Donald C. Cook Nuclear Power Plant, Unit 2 | 144  |
| 50-273 | Beznau Nuclear Station, Switzerland        | 82   | 50-317 | Calvert Cliffs Nuclear Power Plant, Unit 1 | 146  |
| 50-274 | U.S. Geological Survey Research Reactor    | 82   | 50-318 | Calvert Cliffs Nuclear Power Plant, Unit 2 | 148  |
| 50-275 | Diablo Canyon Nuclear Power Plant, Unit 1  | 82   | 50-320 | Three Mile Island Nuclear Station, Unit 2  | 151  |
| 50-276 | Georgia Tech Research Reactor              | 84   | 50-321 | Edwin I. Hatch Nuclear Plant, Unit 1       | 161  |
| 50-277 | Peach Bottom Atomic Power Station, Unit 2  | 84   | 50-322 | Shoreham Nuclear Power Station             | 163  |
| 50-278 | Peach Bottom Atomic Power Station, Unit 3  | 87   | 50-323 | Diablo Canyon Nuclear Power Plant, Unit 2  | 164  |
| 50-280 | Surry Power Station, Unit 1                | 89   | 50-324 | Brunswick Steam Electric Plant, Unit 2     | 167  |
| 50-281 | Surry Power Station, Unit 2                | 91   | 50-325 | Brunswick Steam Electric Plant, Unit 1     | 169  |
| 50-282 | Prairie Island Nuclear Station, Unit 1     | 94   | 50-327 | Sequoyah Nuclear Plant, Unit 1             | 172  |
| 50-284 | Idaho State Univ. Research Reactor         | 96   | 50-328 | Sequoyah Nuclear Plant, Unit 2             | 174  |
| 50-285 | Fort Calhoun Station, Unit 1               | 96   | 50-329 | Midland Plant, Unit 1                      | 175  |
| 50-286 | Indian Point Station, Unit 3               | 97   |        |  |      |
| 50-287 | Oconee Nuclear Station, Unit 3             | 100  |        |  |      |
| 50-288 | Reed College Research Reactor              | 103  |        |  |      |

| Docket | Name                                       | Page | Docket     | Name                                       | Page |
|--------|--|------|------------|--|------|
| 50-330 | Midland Plant, Unit 2                      | 177  | 50-378     | Caorso Nuclear Station, Italy              | 225  |
| 50-331 | Duane Arnold Energy Center                 | 179  | 50-382     | Waterford Generating Station, Unit 3       | 225  |
| 50-332 | Barnwell Reprocessing Plant                | 182  | 50-387     | Susquehanna Steam Electric Station, Unit 1 | 226  |
| 50-333 | James A. Fitzpatrick Nuclear Power Plant   | 182  | 50-388     | Susquehanna Steam Electric Station, Unit 2 | 228  |
| 50-334 | Beaver Valley Power Station, Unit 1        | 184  | 50-389     | St. Lucie Plant, Unit 2                    | 230  |
| 50-335 | St. Lucie Plant, Unit 1                    | 186  | 50-390     | Watts Bar Nuclear Plant, Unit 1            | 231  |
| 50-336 | Millstone Nuclear Power Station, Unit 2    | 188  | 50-391     | Watts Bar Nuclear Plant, Unit 2            | 233  |
| 50-338 | North Anna Power Station, Unit 1           | 190  | 50-395     | Virgil C. Summer Nuclear Station, Unit 1   | 234  |
| 50-339 | North Anna Power Station, Unit 2           | 193  | 50-396     | Univ. of Virginia Cavalier Reactor         | 236  |
| 50-341 | Enrico Fermi Atomic Power Plant, Unit 2    | 195  | 50-397     | WPPSS Nuclear Project, Unit 2              | 236  |
| 50-344 | Trojan Nuclear Plant                       | 197  | 50-400     | Shearon Harris Nuclear Power Plant, Unit 1 | 237  |
| 50-346 | Davis-Besse Nuclear Power Station, Unit 1  | 200  | 50-401     | Shearon Harris Nuclear Power Plant, Unit 2 | 239  |
| 50-348 | Joseph M. Farley Nuclear Plant, Unit 1     | 203  | 50-402     | Shearon Harris Nuclear Power Plant, Unit 3 | 240  |
| 50-352 | Limerick Generating Station, Unit 1        | 205  | 50-403     | Shearon Harris Nuclear Power Plant, Unit 4 | 242  |
| 50-353 | Limerick Generating Station, Unit 2        | 206  | 50-404     | North Anna Power Station, Unit 3           | 243  |
| 50-354 | Hope Creek Nuclear Station, Unit 1         | 207  | 50-405     | North Anna Power Station, Unit 4           | 244  |
| 50-355 | Hope Creek Nuclear Station, Unit 2         | 208  | 50-406     | Tuskegee Institute Research Reactor        | 245  |
| 50-356 | Univ. of Illinois LOPRA Research Reactor   | 209  | 50-407     | Univ. of Utah Research Reactor             | 245  |
| 50-358 | William H. Zimmer Nuclear Station, Unit 1  | 209  | 50-409     | La Crosse Boiling Water Reactor            | 245  |
| 50-361 | San Onofre Nuclear Station, Unit 2         | 211  | 50-410     | Nine Mile Point Nuclear Station, Unit 2    | 247  |
| 50-362 | San Onofre Nuclear Station, Unit 3         | 212  | 50-412     | Beaver Valley Power Station, Unit 2        | 248  |
| 50-363 | Forked River Nuclear Station, Unit 1       | 213  | 50-413     | Catawba Nuclear Station, Unit 1            | 248  |
| 50-364 | Joseph M. Farley Nuclear Plant, Unit 2     | 213  | 50-414     | Catawba Nuclear Station, Unit 2            | 250  |
| 50-366 | Edwin J. Hatch Nuclear Plant, Unit 2       | 215  | 50-416     | Grand Gulf Nuclear Station, Unit 1         | 251  |
| 50-367 | Bailly Generating Station                  | 216  | 50-417     | Grand Gulf Nuclear Station, Unit 2         | 252  |
| 50-368 | Arkansas Nuclear One, Unit 2               | 218  | 50-423     | Millstone Nuclear Power Station, Unit 3    | 254  |
| 50-369 | William B. McGuire Nuclear Station, Unit 1 | 220  | 50-424     | Alvin W. Vogtle Nuclear Plant, Unit 1      | 255  |
| 50-370 | William B. McGuire Nuclear Station, Unit 2 | 221  | 50-425     | Alvin W. Vogtle Nuclear Plant, Unit 2      | 255  |
| 3      | LaSalle County Station, Unit 1             | 222  | 50-433     | UC-Santa Barbara Research Reactor          | 256  |
|        | County Station, Unit 2                     | 224  | STN-50-437 | Floating Nuclear Plant                     | 256  |
|        | Reactor                                    | 225  |            |  |      |

| Docket     | Name   | Page | Docket     | Name                                      | Page |
|------------|--|------|------------|---|------|
| 50-438     | Bellefonte Nuclear Plant, Unit 1             | 257  | STN-50-491 | Cherokee Nuclear Station, Unit 1          | 284  |
| 50-439     | Bellefonte Nuclear Plant, Unit 2             | 258  | STN-50-492 | Cherokee Nuclear Station, Unit 2          | 285  |
| 50-440     | Perry Nuclear Power Plant, Unit 1            | 259  | STN-50-493 | Cherokee Nuclear Station, Unit 3          | 286  |
| 50-441     | Perry Nuclear Power Plant, Unit 2            | 260  | STN-50-495 | SWESSAR-P1                                | 287  |
| 50-443     | Seabrook Nuclear Station, Unit 1             | 260  | 50-496     | Montague Nuclear Power Station, Unit 1    | 287  |
| 50-444     | Seabrook Nuclear Station, Unit 2             | 261  | 50-497     | Montague Nuclear Power Station, Unit 2    | 287  |
| 50-445     | Comanche Peak Steam Electric Station, Unit 1 | 263  | STN-50-498 | South Texas Project, Unit 1               | 287  |
| 50-446     | Comanche Peak Steam Electric Station, Unit 2 | 266  | STN-50-499 | South Texas Project, Unit 2               | 290  |
| 50-454     | Byron Station, Unit 1                        | 270  | 50-500     | Davis-Besse Nuclear Power Station, Unit 2 | 294  |
| 50-455     | Byron Station, Unit 2                        | 271  | 50-501     | Davis-Besse Nuclear Power Station, Unit 3 | 294  |
| 50-456     | Braidwood Station, Unit 1                    | 272  | STN-50-508 | WPPSS Nuclear Project, Unit 3             | 294  |
| 50-457     | Braidwood Station, Unit 2                    | 273  | STN-50-509 | WPPSS Nuclear Project, Unit 5             | 295  |
| 50-458     | River Bend Station, Unit 1                   | 273  | 50-510     | Blue Hills Station, Unit 1                | 296  |
| 50-459     | River Bend Station, Unit 2                   | 274  | 50-511     | Blue Hills Station, Unit 2                | 296  |
| 50-460     | WPPSS Nuclear Project, Unit 1                | 275  | 50-513     | WPPSS Nuclear Project, Unit 4             | 296  |
| 50-461     | Clinton Power Station, Unit 1                | 275  | 50-514     | Pebble Springs Nuclear Plant, Unit 1      | 296  |
| 50-462     | Clinton Power Station, Unit 2                | 276  | 50-515     | Pebble Springs Nuclear Plant, Unit 2      | 297  |
| 50-463     | Fulton Generating Station, Unit 1            | 277  | STN-50-516 | Jamesport Nuclear Station, Unit 1         | 297  |
| 50-464     | Fulton Generating Station, Unit 2            | 277  | STN-50-517 | Jamesport Nuclear Station, Unit 2         | 297  |
| 50-465     | Ringhals, Unit 3, Sweden                     | 277  | STN-50-518 | Hartsville Nuclear Plant, Unit 1          | 298  |
| 50-466     | Allens Creek Nuclear Station, Unit 1         | 277  | STN-50-519 | Hartsville Nuclear Plant, Unit 2          | 299  |
| 50-467     | Allens Creek Nuclear Station, Unit 2         | 278  | STN-50-520 | Hartsville Nuclear Plant, Unit 3          | 300  |
| STN-50-470 | CESSAR System 80                             | 278  | STN-50-521 | Hartsville Nuclear Plant, Unit 4          | 302  |
| 50-471     | Pilgrim Nuclear Power Station, Unit 2        | 278  | STN-50-522 | Skagit Nuclear Power Project, Unit 1      | 303  |
| 50-472     | Pilgrim Nuclear Power Station, Unit 3        | 278  | STN-50-523 | Skagit Nuclear Power Project, Unit 2      | 304  |
| STN-50-477 | Atlantic Generating Station, Unit 1          | 278  | STN-50-528 | Palo Verde Nuclear Station, Unit 1        | 304  |
| STN-50-478 | Atlantic Generating Station, Unit 2          | 278  | STN-50-529 | Palo Verde Nuclear Station, Unit 2        | 305  |
| STN-50-482 | Wolf Creek Generating Station                | 278  | STN-50-530 | Palo Verde Nuclear Station, Unit 3        | 306  |
| STN-50-483 | Calloway Plant, Unit 1                       | 280  | STN-50-531 | GESSAR-251                                | 307  |
| STN-50-485 | Sterling Power Project Nuclear, Unit 1       | 281  | 50-537     | Clinch River Breeder Reactor              | 307  |
| STN-50-486 | Calloway Plant, Unit 2                       | 282  | 50-538     | Memphis State Univ. Research Reactor      | 307  |
| STN-50-488 | Perkins Nuclear Station, Unit 1              | 283  | STN-50-546 | Marble Hill Nuclear Station, Unit 1       | 307  |
| STN-50-489 | Perkins Nuclear Station, Unit 2              | 283  | STN-50-547 | Marble Hill Nuclear Station, Unit 2       | 309  |
| STN-50-490 | Perkins Nuclear Station, Unit 3              | 284  | 50-549     | Greene Country Nuclear Power Plant        | 310  |



| Docket     | Name                                      | Page | Docket  | Name   | Page |
|------------|---|------|---------|--|------|
| STN-50-550 | GESSAR-238-BOP Interface                  | 310  | 70-0754 | Vallecitos Nuclear Center, General Electric Co         | 324  |
| STN-50-553 | Phipps Bend Nuclear Plant, Unit 1         | 310  | 70-0791 | Environmental Protection Agency                        | 324  |
| STN-50-554 | Phipps Bend Nuclear Plant, Unit 2         | 311  | 70-0820 | United Nuclear Corp.                                   | 324  |
| STN-50-556 | Black Fox Station, Unit 1                 | 312  | 70-0824 | Babcock & Wilcox Co.                                   | 325  |
| STN-50-557 | Black Fox Station, Unit 2                 | 314  | 70-0892 | Norfolk State College                                  | 325  |
| STN-50-566 | Yellow Creek Nuclear Plant, Unit 1        | 315  | 70-0925 | Cimmaron Facility, Kerr-McGee Corp.                    | 325  |
| STN-50-567 | Yellow Creek Nuclear Plant, Unit 2        | 316  | 70-0959 | Nuclear Fuel Services, Inc. (Subs. of Getty Oil Co.)   | 325  |
| STN-50-568 | NEP Nuclear, Unit 1                       | 316  | 70-0984 | Pacific Northwest Laboratories                         | 325  |
| STN-50-569 | NEP Nuclear, Unit 2                       | 316  | 70-1007 | General Electric Co                                    | 325  |
| STN-50-574 | Bagnac Nuclear Power Project, Philippines | 317  | 70-1029 | East Stroudsburg State College, East Stroudsburg, PA   | 325  |
| STN-50-580 | Erie Nuclear Plant, Unit 1                | 317  | 70-1100 | Combustion Engineering, Inc.                           | 326  |
| STN-50-581 | Erie Nuclear Plant, Unit 2                | 317  | 70-1113 | General Electric Co.                                   | 326  |
| 50-586     | Perryman, Unit 1                          | 317  | 70-1143 | Westinghouse Electric Corp.                            | 326  |
| 50-589     | Asco Fesca I Nuclear Power Station, Spain | 318  | 70-1151 | Westinghouse Electric Corp.                            | 327  |
| 50-599     | Carroll Facility I                        | 318  | 70-1159 | General Electric Co.                                   | 327  |
| 50-600     | Carroll Facility II                       | 318  | 70-1173 | Mercyhurst College, Erie, PA                           | 327  |
| 70-0008    | Battelle Columbus Laboratories            | 318  | 70-1193 | Cimarron Facility, Kerr-McGee Corp.                    | 327  |
| 70-0025    | Rockwell International                    | 318  | 70-1201 | U-6 Conversion Facility, Babcock & Wilcox Co.          | 327  |
| 70-0027    | Babcock & Wilcox Co.                      | 318  | 70-1257 | Mixed Oxide Fabrication Plant, Exxon Nuclear Co., Inc. | 328  |
| 70-0033    | Texas Instruments, Inc.                   | 318  | 70-1308 | Morris Operations, General Electric Co.                | 328  |
| 70-0036    | Combustion Engineering, Inc.              | 319  | 70-1319 | U.S. Nuclear, Inc.                                     | 329  |
| 70-0135    | Babcock & Wilcox Co.                      | 319  | 70-1358 | Dept. of Interior, US Geological Survey                | 329  |
| 70-0143    | Nuclear Fuel Services, Inc.               | 320  | 70-1703 | Eastman Kodak Co.                                      | 329  |
| 70-0152    | Purdue Univ.                              | 321  | 70-1738 | Pacific Gas & Electric Co.                             | 329  |
| 70-0223    | Univ. of California                       | 321  | 70-1739 | Tri-State Motor Transit Co.                            | 329  |
| 70-0270    | Univ. of Missouri                         | 321  | 70-2317 | Teledyne Cast Products                                 | 330  |
| 70-0314    | Ledoux & Co.                              | 321  | 70-2322 | Edlow International Co.                                | 330  |
| 70-0364    | Parks Township Site, Babcock & Wilcox Co. | 321  | 70-2376 | Purdue Univ., Lafayette, IN                            | 330  |
| 70-0371    | United Nuclear Corp.                      | 323  | 70-2443 | Tennessee Valley Authority                             | 330  |
| 70-0374    | St. Joseph College, Philadelphia, PA      | 323  | 70-2478 | Transnuclear, Inc.                                     | 330  |
| 70-0572    | Monsanto Research Corp.                   | 323  | 70-2479 | Transnuclear, Inc.                                     | 330  |
| 70-0687    | Union Carbide Corp.                       | 323  | 70-2539 | Mitsuilin Travel Service of America, Inc.              | 330  |
| 70-0734    | General Atomic Co.                        | 324  |         |  |      |

| Docket  | Name                                       | Page | Docket  | Name  | Page |
|---------|--|------|---------|---|------|
| 70-2623 | McGuire Spent Fuel Pool, Duke Power Co     | 330  | 71-0372 | Boeing Co.  | 333  |
| 70-2718 | Virginia Electric Power Co.                | 330  | 71-0373 | Dept. of Navy, Naval Explosive Ordnance Disposal Facility | 333  |
| 70-2805 | Nissho-Iwai American Corp.                 | 330  | 71-0374 | Eagle Inspection, Inc.                                    | 333  |
| 70-2838 | Cincinnati Gas & Electric Co.              | 331  | 71-0375 | Univ. of California                                       | 333  |
| 70-2842 | Transnuclear, Inc.                         | 331  | 71-0376 | United States Pipe & Foundry Co.                          | 333  |
| 70-2882 | Southern California Edison Co.             | 331  | 71-4824 | Model: HA-10, Babcock & Wilcox Co.                        | 333  |
| 70-2910 | Tennessee Valley Authority                 | 331  | 71-4894 | Model: NPD-1-528, Kerr-McGee Nuclear Corp.                | 333  |
| 70-2917 | Tennessee Valley Authority                 | 331  | 71-4949 | Model: UNC-1484, Combustion Engineering, Inc.             | 333  |
| 71-0005 | Magnaflux Corp.                            | 331  | 71-5026 | Model: BC-48-220, Atcor, Inc.                             | 333  |
| 71-0009 | Isomedix, Inc.                             | 331  | 71-5086 | Model: UNC-2600, General Atomic Co.                       | 333  |
| 71-0024 | Hittman Nuclear & Development Corp.        | 331  | 71-5364 | Model: NPI-67-0442 Neutron Products, Inc.                 | 333  |
| 71-0046 | Teledyne Energy Systems                    | 331  | 71-5450 | Model: RCC-1, -2, -3, Westinghouse Corp.                  | 333  |
| 71-0049 | Dept. of Navy                              | 331  | 71-5507 | Model: HFIR Spent Fuel Element Ship Cask, Dept. of Energy | 334  |
| 71-0084 | Huico, Inc.                                | 331  | 71-5597 | Model: Tungsten Shielded Cask, Dept. of Energy            | 334  |
| 71-0097 | Nondestructive Testing Service             | 331  | 71-5796 | Model: 181361, Picker Corp.                               | 334  |
| 71-0102 | Source Products & Equipment Co., Inc.      | 332  | 71-5800 | Model: ORNL Tritium Target Container                      | 334  |
| 71-0107 | Dept. of Navy                              | 332  | 71-5908 | Model: DOT-GM Type B, Babcock & Wilcox Co.                | 334  |
| 71-0165 | Dept. of Navy                              | 332  | 71-5926 | Model: 100, General Electric Co.                          | 334  |
| 71-0180 | Hartford Steam Boiler Co.                  | 332  | 71-5938 | Model: HNPF, General Atomic Co.                           | 334  |
| 71-0189 | Todd Shipyards Corp.                       | 332  | 71-5942 | Model: GE-700, General Electric Co.                       | 334  |
| 71-0230 | Babcock & Wilcox Co.                       | 332  | 71-5984 | Model: 5984, J.L. Shepherd & Associates                   | 334  |
| 71-0244 | NL Industries, Inc.                        | 332  | 71-6144 | Model: 6144, Nuclear Engineering Co.                      | 334  |
| 71-0250 | Transnuclear, Inc.                         | 332  | 71-6206 | Model: B, Babcock & Wilcox Co.                            | 334  |
| 71-0251 | Westinghouse Electric Corp.                | 332  | 71-6244 | Model: 6244, Chem-Nuclear Systems, Inc.                   | 334  |
| 71-0252 | Dayton X-Ray Co.                           | 332  | 71-6275 | Model: LL-28-4, Chem-Nuclear Systems, Inc.                | 334  |
| 71-0258 | Nuclear Engineering Co., Inc.              | 332  | 71-6294 | Model: UNC-2901, Combustion Engineering, Inc.             | 335  |
| 71-0273 | Dept. of Navy                              | 332  | 71-6375 | Model: PB-1, Chem-Nuclear Systems, Inc.                   | 335  |
| 71-0348 | Univ. of Michigan                          | 332  | 71-6387 | Model: 60, Battelle Memorial Institute                    | 335  |
| 71-0359 | Pick Instrument Products Co., Inc.         | 332  | 71-6400 | Model: Super Tiger, Westinghouse Electric Corp.           | 335  |
| 71-0360 | Dept. of Navy, USS Yosemite                | 332  |         |   |      |
| 71-0361 | Model: PAT-1, Ramsey Engineering Co.       | 333  |         |   |      |
| 71-0364 | Naval Nuclear Power Unit, Port Hueneme, CA | 333  |         |   |      |
| 71-0365 | Arnold Greene Testing Laboratories, Inc.   | 333  |         |   |      |

| Docket  | Name   | Page | Docket  | Name  | Page |
|---------|--|------|---------|---|------|
| 71-6601 | Model LL-50-100, Chem-Nuclear Systems, Inc       | 335  | 71-9069 | Model MO-1, Westinghouse Electric Corp.                     | 337  |
| 71-6642 | Model: 4.5 Ton CP, Dept. of Energy               | 335  | 71-9070 | Model: N-55, Dept of Energy                                 | 337  |
| 71-6679 | Model 1/2 Super Tiger, Nuclear Engineering Co    | 335  | 71-9072 | Model: GAHC-1, General Atomic Co                            | 337  |
| 71-6697 | Model: 8500 PKG, General Electric Co.            | 335  | 71-9073 | Model: OH-142, Nuclear Packaging, Inc.                      | 337  |
| 71-6717 | Model: 6717 B                                    | 335  | 71-9079 | Model: HN-100 Series 2, Hittman Nuclear & Development Corp. | 337  |
| 71-6771 | Model: SN-1, Nuclear Engineering Co              | 335  | 71-9080 | Model: HN-600, Hittman Nuclear & Development Corp.          | 337  |
| 71-9006 | Model. 500 SU, Argonne National Laboratory       | 335  | 71-9086 | Model: HN-100 Series 1, Hittman Nuclear & Development Corp. | 337  |
| 71-9007 | Model: 520, Argonne National Laboratory          | 335  | 71-9089 | Model. HN-100 S, Hittman Nuclear & Development Corp.        | 337  |
| 71-9010 | Model: NLI-1/2, NL Industries, Inc               | 336  | 71-9092 | Model: HN-300, Hittman Nuclear & Development Corp.          | 337  |
| 71-9011 | Model: E-MEH-00-00004, Dept. of Transportation   | 336  | 71-9093 | Model: HN-400, Hittman Nuclear & Development Corp.          | 337  |
| 71-9019 | Model: BU-7, General Electric Co                 | 336  | 71-9094 | Model: CNSI-14-195-II, Chem-Nuclear Systems, Inc.           | 337  |
| 71-9020 | Model: SL-10-1, Nuclear Containers, Inc.         | 336  | 71-9096 | Model: CNSI-21-300, Chem-Nuclear Systems, Inc.              | 337  |
| 71-9027 | Model: 741, Technical Operations, Inc            | 336  | 71-9108 | Model: AL-33-90, Atcor, Inc.                                | 337  |
| 71-9028 | Model 684, Technical Operations, Inc.            | 336  | 71-9110 | Model: MX-IC-100, Magnaflux Corp                            | 337  |
| 71-9032 | Model 650, Technical Operations, Inc.            | 336  | 71-9111 | Model. CN6-80A, Chem-Nuclear Systems, Inc.                  | 338  |
| 71-9033 | Model. 660 & 660E, Technical Operations Inc.     | 336  | 71-9120 | Model: TN-12, Transnuclear Corp.                            | 338  |
| 71-9035 | Model: 680, Technical Operations, Inc.           | 336  | 71-9122 | Model: 18-450, Chem-Nuclear Systems, Inc.                   | 338  |
| 71-9036 | Model: C-1, Source Production Equipment Co.      | 336  | 71-9132 | Model: T-3, Nuclear Packaging, Inc.                         | 338  |
| 71-9039 | Model. 715, Technical Operations, Inc.           | 336  | 71-9135 | Model: Century, Gamma Industries                            | 338  |
| 71-9044 | Model: GE-1600, General Electric Co.             | 336  | 71-9136 | General Electric Co.  | 338  |
| 71-9049 | Model: GE-500, General Electric Co.              | 336  | 71-9137 | Model: 820  | 338  |
| 71-9051 | Model: GE-1400, General Electric Co.             | 337  | 71-9141 | Model: 900 Type B, Technical Operations, Inc.               | 338  |
| 71-9056 | Model: SPEC 2-T, Source Production Equipment Co. | 337  |         |   |      |

# DOCKETED ITEMS

## LOW LEVEL RADWASTE DISPOSAL SITES

DOCKET 27-047 BARNWELL, SC ,CHEM-NUCLEAR SYSTEMS

8003240244 Forwards Waste Package Insp Rept 79-06A on 791126-2B No noncompliance noted  
SUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 79/12/31 2pp

--8003240287 Waste Packaging Insp Rept 79-06A on 791126-2B No noncompliance noted Major areas inspected shipping paper requirements, DOT placarding requirements, radiation levels, removable contamination & DDT marking  
POTTER, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch BROWN, R A Region 2, Atlanta, Office of the Director 79/12/12 7pp

8003210574 Forwards Waste Packaging Insp Rept 79-08A on 791218-19 No noncompliance noted  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/01 3pp

--8003210581 Waste Packaging Insp 79-08A on 791218-19 No noncompliance noted Major areas inspected shipping paper requirements, DOT placarding requirements, radiation levels, removable contamination & labeling  
POTTER, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch BROWN, R A Region 2, Atlanta, Office of the Director 80/01/16 6pp

8003310440 Forwards Waste Packaging Insp Rept 79-06A on 791126-2B No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/13 2pp

--8003310452 Waste Packaging Insp Rept 79-06A on 791126-2B No noncompliance noted Major areas inspected shipping paper & DOT placarding requirements, radiation levels, removable contamination & DDT marking & labeling requirements  
PATTER, J P , BROWN, R A Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/13 4pp

8003190600 Ack receipt of waste packaging rept of License Shippers rept 79-07A on 791212-13 No proprietary info  
PARKER, W O Duke Power Co 80/02/21 1p

--8003190606 Forwards waste packaging License Shippers Rept 79-07A on 791212-13 No noncompliance noted  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 2pp

--8003190609 Waste packaging License Shippers Rept 79-07A on 791112-13 No noncompliance noted Major areas inspected compliance w/DOT & NRC regulations re shipping paper requirements, radiation levels & removable contamination  
WODDRUFF, R L , PEERY, W W Region 2, Atlanta, Office of the Director 80/01/18 7pp

DOCKET 27-048 RICHLAND, WA , NUCLEAR ENGINEERING CO

8003130322 Responds to requests made at 800111 meeting re GPU dewatering program for spent resin NRC evaluation of GPU program indicates that procedure is acceptable & results in quantity of free water well below acceptance criteria  
COLLINS, J T TMI-2 Operations/Support 80/01/30 2pp

8003190159 PNO-V-80-013 on 800220, Region 5 ofc was notified by NRC onsite inspector that shipment of 76 55-gallon drums was received w/one drum leaking Significant alpha contamination detected on trailer Trailer decontaminated & released  
THOMAS, R D Office of Inspection & Enforcement, Office of the Director 80/02/20 1p

8003130143 PNO-V-80-010 on 800214, tractor-trailer carrying 20 wooden boxes from VT Yankee Plant arrived w/excess radiation levels underneath trailer & in cab State cancelled burial permit & requested written response re corrective actions  
THOMAS, R D Region 5, San Francisco, Office of the Director 80/02/14 1p

## DOMESTIC LICENSING OF SOURCE MATERIAL

DOCKET 40-0215 S F APPLIANCE, LTD

8003310420 Draft "Guidelines for Decontamination of Facilities & Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source or SNM "  
\* Division of Fuel Cycle & Material Safety 80/03/03 4pp

DOCKET 40-0299 UNION CARBIDE CORP

8003050559 Forwards info re A-7 pit subgrade tailings disposal project for License 8UA-44B  
WONG, T Union Carbide Corp 80/01/24 40pp

DOCKET 40-0341 GENERAL SERVICES ADMINISTRATION

8003060251 Discusses Insp of License STC-0133 on 791109 No noncompliance noted Major areas inspected current activities involving radioactive matl & depot facilities  
MCCLINTOCK, R O Region 1, Philadelphia, Office of the Director 80/01/04 1p

8003200069 Forwards copies of correspondence from GSA file info transmitted to License Matl Branch for evaluation of request to have GSA bldgs released for unrestricted use w/o encls  
MCCLINTOCK, R O Region 1, Philadelphia, Office of the Director 80/02/15 1p

DOCKET 40-1162 WESTERN NUCLEAR, INC

8003110021 Summary of 791218 trip rept to Split Rock U mill in Jeffrey City, WY  
GARCIA, P J Uranium Recovery Licensing Branch 80/01/21 2pp

8003270110 Forwards community summary rept for Jeffrey City, WY re radiation exposure within community  
SMITH, P B Environmental Protection Agency 80/02/20 1p

--8003270113 "Community Summary Rept "  
\* Wyoming, State of 80/02/20 14pp

8003270120 Submits effluent release rept for Jul 1979-Dec 1979 Liquid effluents did not reach unrestricted areas Lists airborne dust effluent values  
KELLER, T G Western Nuclear, Inc (subs of Phelps Dodge Corp ) 80/02/29 1p

DOCKET 40-1341 EDGEHONY URANIUM MINE, TVA & MINES DEVELOPMENT, INC

8003130637 Requests analysis of results from indoor radiological monitoring of family home basement level  
NEWFIELD, H R South Dakota, State of 80/01/15 2pp

8003260438 Advises that draft EIS supporting licensing action to authorize facility decommissioning will be issued in May 1980 Forwards GEIS on U milling & recently proposed regulations re tailings retention sys. w/o encl.  
TRAGER, E A Uranium Recovery Licensing Branch 80/01/17 1p

## DOCKETED ITEMS

8003260427 Submits preliminary sampling scheme for Edgemont, SD & vicinity Continuous sampling of one-wk duration required to adequately determine working level value of each structure Radon progeny integrating sampling units should be rotated  
EADIE, G G Uranium Recovery Licensing Branch 80/01/18 2pp

8003260445 Discusses radiological assessment of Edgemont, SD & vicinity Requests support be provided to State of SD to successfully accomplish radon-in-water assessment  
SCARANO, R A Uranium Recovery Licensing Branch 80/01/18 1p

8003060106 Discusses higher than background levels of radon progeny found in Edgemont, SD area Lists results of indoor exposure test at residence NRC working w/state to provide technical assistance Related rept & correspondence encl  
SCARANO, R A Uranium Recovery Licensing Branch 80/01/25 2pp

--8003060112 Requests review of encl rept, "Above Ground Gamma Ray Logging of Edgemont, SD & Vicinity"  
THRALL, J E Environmental Protection Agency 79/12/21 1p

--8003060120 Requests assistance in remedial action program in Edgemont, SD re removal of radiation health hazard causing high exposures to residents Offsite locations in Edgemont should be included in action program for formerly utilized sites  
DIRCKS, W J Office of Nuclear Material Safety & Safeguards 80/01/16 3pp

--8003060139 Requests that support be furnished to SD to accomplish radon-in-water assessment Determination of radon concentrations in water supplies of Edgemont area would be informative w/respect to evaluating background conditions  
SCARANO, R A Uranium Recovery Licensing Branch 80/01/18 1p

--8003060154 Discusses suggested preliminary radon sampling scheme for Edgemont, SD & vicinity Sampling scheme rotates radon progeny integrating sampling units in various structures over 1-wk sampling period  
EADIE, G G Uranium Recovery Licensing Branch 80/01/18 2pp

8003130642 Responds to NRC 800118 ltr J Thrall & J Giedt currently planning trip to Edgemont, SD to assist State of SD in making radiation measurements & to train SD personnel in use of specialized monitoring equipment  
HENDRICKS, D W Environmental Protection Agency 80/01/28 1p

8003140140 Ack 800116 request for assistance in remedial action program in Edgemont, SD Meeting scheduled for 800201 in Silver Spring, MD re extent of NRC authority re cleanup of affected properties  
HOTT, W E Energy, Dept of 80/01/31 1p

8003190004 Requests classification & guidance re kinds of tests needed & format for test results, to provide NRC w/info about U mill decommissioning  
MILLS, L M Tennessee Valley Authority 80/02/06 1p

8003040046 Summary of 800201 meeting w/DOE in Silver Spring, MD re DOE assistance in remedial action program for tailings contaminated locations in Edgemont, SD DOE will forward interim response to NRC 800116 assistance requests  
TRAUER, E A Uranium Recovery Licensing Branch 80/02/13 3pp

8003240184 Requests evaluation & response to State of SD request for health risk assessment of working level exposures to residents of Edgemont, SD & vicinity SD 800115 request, NRC 800208 preliminary response & NRC 800125 ltr encl  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/25 1p

--8003240186 Requests NRC analysis of indoor radiological monitoring results obtained from residence in Edgemont, SD Monitoring accomplished w/assistance of EPA Health risks due to radiological dosages must be assessed  
NEUFELD, W R South Dakota, State of 80/01/15 2pp

--8003240194 Responds to 800115 request for technical assistance re radiological monitoring in Edgemont, SD Recommends assistance from Ctr for Disease Control & Natl Inst of Occupational Safety & Health Occupants could incur "appreciable" doses  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/08 2pp

8003280322 Forwards "Edgemont, SD U Mill Semiannual Effluent Release Rept 9 for Jul-Dec 1979"  
MILLS, L M Tennessee Valley Authority 80/02/26 1p

ont, SD U Mill Semiannual Effluent Release Rept 9,  
Prepared for C Region 4  
ley Authority 80/02/29 8pp

## DOCKET 40-2061 WEST CHICAGO FACILITY, KERR-MCGEE CORP

8003190203 Responds to BJ Taylor 800111 ltr & 800116 telcon WD Franz will be contact in EPA Region 5 ofc re EIS for Kerr-McGee site in West Chicago, IL Kerr-McGee stabilization plan & comments have been sent to Region 5 personnel  
NIXON, W A Uranium Fuel Licensing Branch 80/01/24 1p

8003190009 Requests all correspondence, comments & draft of EIS being prepared for site  
HANSELL, D Illinois, State of 80/02/04 1p

8003190049 Discusses West Chicago, IL 791218 town meeting re status of vendor stabilization plan Expresses concern re thoron & radon hazards Preliminary investigation into ambient radon levels near waste site has started  
KEE, D Environmental Protection Agency 80/02/06 2pp

8003250090 Replaces 800122 ltr re facility security program Submits detailed description of program info withheld  
(ref 10CFR2 790)  
DENNY, I L Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp) 80/02/15 2pp

8003190091 Forwards J Rainey & W Ganus comments to 800214 meeting in St Charles, IL re organization of task force to find burial site for low level radioactive waste  
DENNY, I L Kerr-McGee Chemical Corp (subs of Kerr-McGee Corp) 80/02/20 10pp

8003310236 Confirms 800118 telcon re establishment of West Chicago Public Library as NRC (PDR) for matl relating to Rare Earths facility in West Chicago, IL Meeting will be held re matl to be received & suggested filing procedures  
CARRIER, W B Division of Rules and Records 80/03/11 1p

## DOCKET 40-2259 PATHFINDER MINES CORP

8003060031 Forwards info re qualifications of radiation safety program personnel & radiation surveys Notifies that DL Fike is radiation officer  
NUGENT, E L Pathfinder Mines Corp 80/01/21 12pp

8003280079 Forwards "Semiannual Effluent Monitoring Rept, Jul-Dec 1979"  
NUGENT, E L Pathfinder Mines Corp 80/02/29 1p

--8003280083 "Semiannual Effluent Monitoring Rept, Jul-Dec 1979"  
\* Pathfinder Mines Corp 80/02/29 9pp

## DOCKET 40-3392 ALLIED CHEMICAL CORP

8003190033 Amend 3 to License SUB-526 adding decommissioning & financial plans  
PAGE, R G Division of Safeguards 80/01/31 2pp

8003270108 Safety evaluation re Allied Chemical Corp application for license Amend 3 for future decommissioning plan Plan is reasonable & adequate Recommends that Condition 17 be amended to include decommissioning & financial plans  
SOONG, A Uranium Fuel Licensing Branch 80/01/31 3pp

8003170078 Submits addl info re particle size analysis in response to 800213 request U particle size distribution table & results of environ air monitoring encl  
THOMAS, J H Allied Chemical Corp, Nuclear Services Div 80/02/15 4pp

8003260537 Requests info re cascade impact or studies & results submitted to NRC during 800212 meeting Description & ranges of particle size in each stage of cascade impactor needed Info will establish new radiation level at sampling station  
CROW, W T Uranium Fuel Licensing Branch 80/02/15 2pp

8003040460 Forwards "Semiannual Effluent Rept, Jul-Dec 1979"  
THOMAS, J H Allied Chemical Corp 80/02/21 1p

--8003040466 "Semiannual Effluent Rept, Jul-Dec 1979"  
\* Allied Chemical Corp 80/02/21 6pp

8003310138 Confirms JH Thomas 800215 response to NRC 800215 questions  
SHIELDS, E J Allied Chemical Corp 80/03/05 1p

# DOCKETED ITEMS

3

8003250062 Forwards IF Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/14 1p

## DOCKET 40-3453 ATLAS MINERALS

8003110028 Requests technical assistance in assessing adequacy of riprap design submitted by Atlas Minerals Riprap criteria agreed upon at 791220 meeting in Silver Spring, MD were incorporated into renewed license as Condition 16  
LINEHAN, J J Uranium Recovery Licensing Branch 80/01/11 2pp

--8003110043 Forwards criteria established at 781220 meeting, gradation curve & design drawing showing pertinent hydrologic & const data for six sections. Intent is to deepen channel & use excavated matl for buildup of riprap support beams  
SWANBY, G T Atlas Minerals 79/12/03 8pp

8003190069 Discusses tailing pile & steps necessary to build 150-ft beaches as required by license. Possibilities for lowering water level on pond are being considered. Dyke matl borrow area has been leveled & evaporation pond is being designed  
SWANBY, G T Atlas Minerals 80/01/28 2pp

8003100222 Discusses Tuba City tailings licensing procedures in response to 791010 request  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/04 1p

8003060054 Notifies that Atlas Minerals has changed address effective 800301  
\* Atlas Minerals 80/02/06 1p

8003180148 Submits rept indicating differences in land use from 730831 environ rept  
SWANBY, G T Atlas Minerals 80/02/07 2pp

8003280488 Requests addl info & redesign providing adequate toe protection re Moab Wash riprap design to complete hydrologic engineering review. List of detailed info needed encl  
LINEHAN, J J Uranium Recovery Licensing Branch 80/02/19 2pp

8003120679 Forwards addl info inadvertently left out of recent demography rept. Requests all correspondence be addressed to GT Swanby, Suite 401, 6000 East Evans Avenue, Denver, CO  
SWANBY, G T Atlas Minerals 80/02/21 12pp

8003260552 Requests that IE pay particular attention to regulation of tailings pond water levels & measures taken by licensee to minimize dispersal of blowing tailings during next insp of U mill S Verchinski. 800123 request for info encl  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/22 1p

8003250413 Authorizes post-const insp by Williams-Robinette & Associates of lift on tailings dam at Atlas Minerals Moab U Mill. Site visit will require approx three man-days effort  
LINEHAN, J J Uranium Recovery Licensing Branch 80/03/06 1p

## DOCKET 40-4492 FEDERAL AMERICAN PARTNERS (MINING)

8003270116 Suppl to, "Environ Rept, Subsurface Tailings Disposal for Federal-American Partners," to accompany application for renewal of License SUA-667  
\* Kaiser Engineers, 80/03/31 73pp

8003040158 Summary of 791218 meeting w/Federal American Partners & TVA in Silver Spring, MD to receive FAP consolidated environ rept & discuss FAP license renewal request topics  
GILLEN, D M Uranium Recovery Licensing Branch 80/01/16 2pp

8003060087 Forwards errata sheets for environ rept for proposed mill expansion project submitted Dec 1979  
SPIBAK, V F Federal American Partners 80/01/18 14pp

8003050183 Requests that local announcement for 800213 scoping meeting be placed in Casper Star Tribune, WY State Journal & Riverton Ranger Meeting announcement encl  
GILLEN, D M Uranium Recovery Licensing Branch 80/01/21 2pp

8003200006 Requests participation in NRC 800213 scoping meeting re facility license renewal. Role of state re milling, tailings disposal & mining operation should be detailed  
ACKERMAN, W C Wyoming, State of 80/01/24 1p

8003190006 Notifies that 72 copies of environ rept were distributed on 800125 in response to NRC 800115 request  
WRIGHT, K H Federal American Partners 80/01/28 1p

8003170083 Advises that no units of Natl Park Sys will be affected by expansion of facility  
STRAIT, R A Interior, Dept of, National Park Service 80/02/13 1p

8003250133 Comments on applicant environ rept for facility expansion. Rept should include order of magnitude of rock formation porosity. Significance of fracture permeability should be more thoroughly discussed  
MENARD, H W Interior, Dept of, Geological Survey 80/02/13 2pp

8003130145 Comments on DES for facility should include cumulative effects on area, increase in mill capacity, exposure pathways, wildlife & miscellaneous matters  
DANIELSON, L J National Wildlife Federation 80/02/18 10pp

8003180151 Responds to 800114 scoping notice. No need for DOI to become cooperating agency for purpose of environ statement preparation since proposed action has no effect on areas under DOI jurisdiction  
ARKINS, R J Interior, Dept of 80/02/20 1p

8003240609 Forwards comments on Environ Rept 80/85  
COMANDR, P Interior, Dept of, Bureau of Land Management 80/02/21 2pp

8003250479 Discusses environ rept for expansion of Federal-American Partners U Mill, Fremont County, WY. Emphasizes careful implementation of protective measures outlined in rept to prevent degradation of natural environ  
BALLOU, R H Interior, Dept of, Fish & Wildlife Service 80/02/21 3pp

8003240160 Comments on environ rept for expansion of Federal-American Partners U mill in Gas Hills mining district of WY. Care should be exercised to prevent excessive drain on ground water resources caused by increased production  
HARRIS, R W Interior, Dept of, Bureau of Mines 80/02/22 2pp

8003280148 Submits comments re scope of proposed draft EIS on renewal of Federal American Partners U mill License SUA-0667. Draft EIS must consider cumulative impact of other U mills, mines & heap leaching operations in area upon environ  
BURNS, N C Black Hills Alliance 80/02/25 3pp

8003270076 Forwards semiannual radiation sampling rept for Jul 1979-Jan 1980  
WRIGHT, K H Federal American Partners (Mining) 80/02/29 1p

--8003270101 "Radiation Sampling Program Semiannual Rept, Jul 1979-Jan 1980 "  
\* Federal American Partners (Mining) 80/02/29 27pp

8003250582 Advises that Federal American Partners has been notified of NRC error in omission of LJ Danielson from environ rept distribution list. Environ rept will be sent. Name has been placed on NRC std distribution list  
GILLEN, D M Uranium Recovery Licensing Branch 80/03/04 1p

8003280660 Discusses shortcomings of Federal American Partners environ assessment rept for expansion & mod & License SAU-667 renewal. Document failed to include details of tailing ponds to be created & left after project  
DEXTER, W D Wyoming, State of 80/03/10 2pp

## DOCKET 40-6264 MICHIGAN CHEMICAL CORP

8003130299 Responds to FOIA request for documents re identity & location of nuclear waste sites in MI, including dates sites were receiving waste, waste source & nuclear contamination escaping from sites. Forwards documents listed in App A  
FELTON, J M Division of Rules and Records 80/02/26 2pp

--8003130305 Responds to 710423 ltr re SMB-833 License formerly designated STC-833 due to authorization to receive & store thorium only. License prefix changed on 661108 to indicate that both thorium & U were being processed  
LAYFIELD, R L Atomic Energy Commission 71/05/05 1p

--8003130311 Ack receipt of NRC 710406 ltr re cancellation of License SMB-833. Informs of decision to terminate License STC-833. Special cancellation forms should be forwarded if necessary  
GDWAN, J H Michigan Chemical Corp 71/04/23 1p

## DOCKETED ITEMS

- B003130314 Notifies that License SMB-833 is terminated in accordance w/710402 application no license fee required immediate action form encl  
LAYFIELD R L Atomic Energy Commission 71/04/23 2pp
- B003130319 Informs NRC that source matl contains small quantities & therefore is exempt from fee Requests issuance of credit for payment of annual fee covering 710205-720204  
GDWAN J H Michigan Chemical Corp 71/04/02 1p
- B003130324 Responds to 710301 ltr re receipt of NRC 710205 invoice L-1788-71 covering fees for facilities & matl licenses License fee will be waived if application for cancellation is filed by 710402  
MILLER W O Atomic Energy Commission 71/04/06 3pp
- B003130331 Ack receipt of NRC invoice for License 2A for 710205-720204 Payment of fee is delayed pending determination of amount of source matl on hand AEC will be advised upon receipt of info  
GDWAN J H Michigan Chemical Corp 71/03/01 1p
- B003130336 IE Insp Findings & Licensee Ack dtd 700518 of License SMB-833 Insp findings no noncompliance noted  
\* Atomic Energy Commission 70/05/18 1p
- B003130340 Forwards renewed License SMB-833 authorizing use of 2,000 lb U & thorium  
HARMON D F Atomic Energy Commission - Deputy Director for Fuels & Mat 68/11/26 1p
- B003130343 Renewed License SMB-833 authorizing use of 2000 lb U & thorium in accordance w/procedures described in 681108 application  
HARMON D F Atomic Energy Commission - Deputy Director for Fuels & Mat 68/11/26 2pp
- B003130349 Application for renewal of amended License BTC-833 authorizing continued processing of rare earth feed stocks containing 0.2-0.3% of thorium & natural U  
TRID E B Michigan Chemical Corp 68/11/08 2pp
- B003130354 Notifies that License SMB-833 expires 681130 Requests that renewal application be submitted 30 days before expiration date  
NUSBAUMER D A Atomic Energy Commission 68/09/24 1p
- B003130360 IE Insp Findings & Licensee Ack dtd 680627 of License SMB-833 Insp findings no noncompliance noted  
\* Region 3, Chicago, Office of the Director 68/06/27 1p
- B003130362 Application for renewal of amended BTC-833 authorizing possession & use of 1,000 lb U & thorium in form of hydroxide solid  
\* Michigan Chemical Corp 68/11/08 2pp
- B003130367 Amended License SMB-833 authorizing use & possession of 700 lb U & thorium in accordance w/procedures described in 651021 & 660927 applications & 661026 suppl  
HARMON D F Atomic Energy Commission - Deputy Director for Fuels & Mat 66/11/08 2pp
- B003130371 Application for amend of License BTC-833 to permit processing of raw matl containing 0.1-1% thorium & natural U  
WILLIAMS D Michigan Chemical Corp 66/10/26 2pp
- B003130379 Responds to 660926 request for amend to License BTC-833 & 661013 telcon Requests new application separating proprietary & nonproprietary info (ref 10CFR2.770). Application should state reasons for withholding info  
HARMON D F Atomic Energy Commission 66/10/07 3pp
- B003130385 Requests AEC permission to construct & operate plant to process 700 lb feed matl daily Feed will contain less than 1 lb Thorium oxide, less than 1 lb U-308 daily & occasionally 7 lbs Thorium oxide & U-308  
WILLIAMS D Michigan Chemical Corp 66/09/26 2pp
- B003130389 Forwards renewed License BTC-833 authorizing possession of max of 50 lb thorium & processing of 15 lb thorium  
HARMON D F Atomic Energy Commission 65/11/05 1p
- B003130394 Renewed License BTC-833 authorizing use of 50 lb thorium in accordance w/procedures described in application forwarded on 651021  
HARMON D F Atomic Energy Commission 65/11/05 1p
- B003130440 Application to amend license BTC-833 to authorize const & operation of plant to process uranium bearing feeds containing up to 1% thorium oxide or U-308 use of 150 lb U-308 in form of hydroxide solid  
GIRARD T Michigan Chemical Corp 66/07/27 1pp
- B003130491 Requests permission to carry out three pilot plant runs using 1,000 lb feed matl in each run & containing up to 1.5% thorium oxide  
WILLIAMS D Michigan Chemical Corp 65/10/21 2pp
- B003130454 Application to renew source Matl license BTC-833 to authorize possession except use of 15 lb thorium oxide in solid form containing less than 1.5% thorium oxide  
\* Michigan Chemical Corp 67/10/21 2pp
- B003130455 Notifies that License BTC-833 expires 681130 Requests that renewal application be forwarded 30 days before expiration date  
NUSBAUMER D A Atomic Energy Commission 67/10/20 1p
- B003130460 Forwards license BTC-833 authorizing storage of 2,250 lb wet solids containing 30 lb thorium  
LAYFIELD R L Atomic Energy Commission 67/07/11 1p
- B003130461 License BTC-833 authorizing use of 10 lb thorium contained in 2,250 lb wet cake for storage only in accordance w/procedures described in 670711 application  
LAYFIELD R L Atomic Energy Commission 67/07/11 2pp
- B003130466 Ack receipt of 680627 ltr for withdrawal 670711 application Forwards application for 2,250 lb wet cake pilot studies & to purchase 2,250 lb wet cake containing 30 lb solids to process 400 lb mud in pilot plant  
WILLIAMS D Michigan Chemical Corp 67/06/04 1pp
- B003130470 Application for source matl license authorizing possession use of 2,250 lb wet cake for storage only in form of wet solid containing less than 1.5% thorium oxide & pilot plant equipment encl  
WILLIAMS D Michigan Chemical Corp 67/07/15 1pp
- B003130474 Responds to 670711 ltr for source matl license to process rare earth ores & concentrates containing 2% thorium oxide description of 681130 renewal is included in app 671026 application  
NUSBAUMER D A Atomic Energy Commission 67/10/12 1pp
- B003130475 Forwards application for source matl license  
WILLIAMS D Michigan Chemical Corp 67/07/15 1p
- B003130477 Application for source matl license BTC-833 authorizing use of 10 lb U & thorium phosphate sulfate oxide & hydroxide in form of a solid containing less than 1% thorium oxide  
WILLIAMS D Michigan Chemical Corp 67/07/15 2pp
- B003130480 Certifies that all source matls have been procured or possessed by licensee under license BTC-833  
WILLIAMS D Michigan Chemical Corp 67/07/15 1p
- B003130481 Notifies that License BTC-833 expires 681130 Requests that renewal application be forwarded 30 days before expiration date  
NUSBAUMER D A Atomic Energy Commission 67/10/12 1p
- B003130486 Authorizes storage of source matl possessed under license BTC-833 in manner specified in 681130 ltr  
NUSBAUMER D A Atomic Energy Commission 67/10/12 1p
- B003130491 License BTC-833 authorizing receipt possession of & title to 100 tons of Malaysian monazite sand Matl will be kept in area used entirely for storage of raw & finished products  
DELANEY C Atomic Energy Commission Deputy Director for Fuels & Mat 67/07/06 1p
- B003130494 Requests permission to change license BTC-833 to location of 100 tons of Malaysian monazite sand Matl will be kept in area used entirely for storage of raw & finished products  
WILLIAMS D Michigan Chemical Corp 67/07/11 1p
- B003130497 Lists info needed in amend application should vendor desire to process 100 tons of Malaysian monazite for rare earth content  
DELANEY C Atomic Energy Commission 67/07/12 1p
- B003130500 Discusses M3 (amend) in amend application to store 100 tons of monazite ore & application for processing 500 lb thorium Application to store monazite ore is satisfactory Application to process thorium incomplete lists info needed  
BARKER R F Atomic Energy Commission 67/07/02 1p

# DOCKETED ITEMS

5

--8003130504 Forwards docket file re MI Chemical Co 610113 application for license to receive & study thorium-bearing matl Requests comment on adequacy of proposed procedures to assure compliance w/code  
DELANEY, J C Atomic Energy Commission 61/01/24 2pp

--8003130509 Requests that 610113 license application be confined to receiving & storing monazite sand Radiation safety check rept encl  
GAMMILL, A M Michigan Chemical Corp 61/01/01 3pp

--8003130512 Requests license to receive & handle thorium-bearing matl & 900 lb crude concentrate containing thorium residues & scrap to be reprocessed to high purity thorium oxide or metal  
GAMMILL, A M Michigan Chemical Corp 61/01/16 2pp

## DOCKET 40-6622 PATHFINDER MINES CORP

8003030488 Discusses review of two yr insp enforcement history of licensee facilities insps conducted on 780911-12 & 790620-22 Six items of noncompliance were noted, but no deviations were identified  
WOOLSEY, R T Uranium Recovery Licensing Branch 80/02/06 3pp

## DOCKET 40-6659 PETROTONICS CO, GETTY OIL

8003240221 Discusses results of pinhole tests transmitted by vendor 800103 ltr Tests were performed on impervious claystone fill used in const of recent tailings dam addition Claystone has been shown to be nondispersive  
GILLEN, D M Uranium Recovery Licensing Branch 80/01/24 1p

8003030230 Forwards "Const Rept Petrotonics Tailings Embankment, Shirley Basin, WY"  
PFAFF, S J Petrotonics, Inc 80/01/30 1p

--8003030235 "Const Rept Petrotonics Tailings Embankment, Shirley Basin, WY," prepared for Petrotonics, Co Oversize drawings encl  
AZOCAR, R Chen & Associates, Inc 80/01/16 50pp

8003310204 Forwards Petrotonics final embankment const rept, submitted in fulfillment of License Condition 24 Requests review of document by J Kane & Corps of Engineers W/o encl  
LINEHAN, J J Uranium Recovery Licensing Branch 80/02/22 1p

8003240232 Forwards vendor embankment final const rept, submitted in fulfillment of License Condition 24 Requests review of document by NRC consultant, Corps of Engineers  
LINEHAN, J J Uranium Recovery Licensing Branch 80/03/04 1p

## DOCKET 40-7869 PLATEAU RESOURCES, LTD

8003190754 Submits rept of liquid & gaseous effluent releases to unrestricted areas for Jul-Dec 1979  
NEWMAN, P B Plateau Resources, Ltd 80/02/08 1p

## DOCKET 40-8027 KERR-MCGEE CORP.

8003190021 Forwards application for amend of License SUB-1010 & required processing fees Application provides for continued surveillance of fertilizer program & establishment of permanent raffinate treatment acreage  
SHELLEY, W J Kerr-McGee Nuclear Corp 80/01/29 1p

--8003190029 Application for amend of License SUB-1010 authorizing continuation of raffinate fertilizer treatments to land at facility  
\* Kerr-McGee Nuclear Corp 80/01/31 3pp

## DOCKET 40-8052 MITSUBI & CO (USA), INC

8003140367 Amend 2 to Mitsui & Co USA, Inc license extending expiration date to 880630 to import U from Canada  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/28 1p

## DOCKET 40-8064 EXXON MINERALS CO USA, EXXON CORP

8003060038 Forwards first monthly rept re restoration of water quality affected by casing leak at U solution mining R&D pilot, Converse County, State of WY WY 800104 ltr encl  
TRUSSELL, H H Exxon Minerals Co, USA 80/01/29 16pp

8003050580 Submits info for quarter ending 790930 re sample analyses for Guard Well O-B  
TRUSSELL, H H Exxon Minerals Co, USA 80/01/30 2pp

8003270514 Discusses Well M-3 weekly sampling results & bimonthly well monitoring schedule  
TRUSSELL, H H Exxon Minerals Co, USA 80/03/11 6pp

## DOCKET 40-8084 LISBON MINE, RIO ALGOM CORP

8003190015 Notifies that UT Board of Oil, Gas & Mining & vendor have executed mined land reclamation agreement & escrow Amount due for 1979 has been deposited in escrow account  
LANTON, M D Rio Algom, Ltd 80/02/04 1p

## DOCKET 40-8102 EXXON MINERALS CO USA, EXXON CORP

8003100220 Requests addl info re request to renew License SUA-1139 by 790222 Addl info request encl  
LINEHAN, J J Uranium Recovery Licensing Branch 80/02/04 7pp

8003140005 Forwards consultant analysis of differential settlement expected to occur in reclaimed tailings pond at Highland U mill Differential settlement will not result in excessive disruption of clay cap  
ORTLOFF, G D Exxon Minerals Co, USA 80/02/19 17pp

## DOCKET 40-8188 LEDOUX & CO

8003060436 Ack receipt of 791231 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0314/79-01, 40-8188/79-01 & 30-05260/79-01  
MCCLINTOCK, R O Region I, Philadelphia, Office of the Director 80/01/24 1p

--8003060443 Responds to NRC 791206 ltr re violations noted in IE Insp Repts 70-0314/79-01, 40-8188/79-01 & 30-05260/79-01  
Corrective actions broken meter repaired, two supplemental instruments ordered as backup  
KALLMANN, S Ledoux & Co, Inc 79/12/31 1p

--8003060447 Discusses insp of Licenses 40-8188, 70-0314 & 29-01442-01 on 791109 & forwards notice of violation  
MCCLINTOCK, R O Region I, Philadelphia, Office of the Director 79/12/06 1p

--8003060452 Notice of violation from insp on 791109  
\* Region I, Philadelphia, Office of the Director 79/12/06 1p

## DOCKET 40-8304 WYOMING MINERAL CORP

8003190011 Application to renew License SUA-1204 authorizing solution mining R&D activities at S17 area site Description of licensed activities & map encl  
SCHEDEL, K R Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/05 4pp

8003210199 Advises of organizational changes effective 800123  
HOHNE, F C Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/07 1p

## DOCKET 40-8348 IN SITU URANIUM LEACHING PROJECT

8003170021 Application for renewal of source matl License SUA-1223 "Addendum to Synopsis of Research in Situ U Leaching Project," dtd 791026, discusses aquifer stabilization & remaining decommissioning work  
LARSON, T L Union 76 Minerals Exploration Co 80/01/15 5pp

8003190105 Application for renewal of License SUA-1223, authorizing continuation of in situ U leaching project Oversize detailing layout of project encl  
LARSON, T L Union 76 Minerals Exploration Co 80/01/15 6pp



## DOCKETED ITEMS

## DOCKET 40-8380 ROCKY MOUNTAIN ENERGY CO

8003250485 Requests that excursion status reporting continue at reduced interval of twice per month. Also requests that vanadium & calcium be added to list of excursion indicators w/upper control limits as previously defined.  
MORROW, D Wyoming, State of 80/02/22 1p

8003240236 Confirms 800207 telcon acknowledging receipt of application for renewal of Source Mat'l license SUA-1228 Requests submittal of correctly dated and docketed Form NRC-2 & add'l info re test patterns & encl consultant review.  
ROTHFLEISCH, J E Uranium Recovery Licensing Branch 80/02/29 2pp

--8003240242 Advises that add'l pilot studies by Rocky Mountain Energy Co re in situ U leaching will not degrade subsurface environ if carried out as described in request for renewal of Source Mat'l License SUA-1228.  
WARNER, D L Don L. Warner 76/07/23 6pp

## DOCKET 40-8434 HOME STATE MINING CO LA

8003180225 Forwards State of UT 800206 ltr to author re experimental IX plant.  
RANSBONE, J W Homestate Mining Co 80/02/14 3pp

## DOCKET 40-8452 BEAR CREEK URANIUM CO

8003130142 Application for administrative amend to Conditions 49 & 50 of License SUA-1310, extending reporting dates for results of radionuclide analysis & mill area background levels to 800501.  
MEDLOCK, R L Bear Creek Uranium Co 80/01/21 2pp

8003050573 Forwards U tailings mgt plan per Condition 51 of License SUA-1310. Methods employed will effectively mitigate potential environ problems W/o encl.  
MEDLOCK, R L Bear Creek Uranium Co 80/01/30 1p

8003110154 Forwards License SUA-1310 & amend in response to 800204 telcon W/o encl.  
GARCIA, P J Uranium Recovery Licensing Branch 80/02/05 2pp

03280584 Ack receipt of 800225 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 40-8452/79-01.  
BROWN, G D Region 4, Dallas, Fuel Facility & Materials Safety Branch 80/02/29 1p

--8003280602 Responds to NRC 800215 ltr re violations noted in IE Insp Rept 40-8452/79-01. Corrective actions verbal & written notification of operators & supervisors that eating will be conducted in lunch room only.  
CHASE, G R Bear Creek Uranium Co 80/02/25 1p

--8003280609 Forwards IE Insp Rept 40-8452/79-01 on 790815-16 & notice of violation.  
BROWN, G D Region 4, Dallas, Fuel Facility & Materials Safety Branch 80/02/15 2pp

--8003280617 Notice of violation from insp on 790815-16.  
\* Region 4, Dallas, Office of the Director 80/02/08 1p

--8003280624 IE Insp Rept 40-8452/79-01 on 790815-16 Noncompliance noted eating in nonapproved production areas.  
BROWN, G D Region 4, Dallas, Fuel Facility & Materials Safety Branch DAHSDA, J, MUSTAIN, M J Region 4, Dallas, Office of the Director 80/02/08 6pp

8003280610 Requests assistance under NRC Consulting Contract AT-(49-24)1018, in evaluating potential water quality impacts from below grade tailings disposal at Bear Creek U Mill in Converse County, WY.  
LINEHAN, J J Uranium Recovery Licensing Branch 80/03/06 1p

1003280657 Forwards final supplemental data for div cut riprap analyses.  
MEDLOCK, R L Bear Creek Uranium Co 80/03/13 2pp

## DOCKET 40-8502 IRIGARAY MINE, WYOMING MINING CORP

8003040084 Forwards response to NRC 791220 request for add'l info re 790629 application for amend to SUA-1341, Conditions 11 & 48. Fourteen oversite maps encl.  
FORD, W H Westinghouse Electric Corp, Wyoming Mineral Corp 80/01/15 11Bpp

8003120731 Forwards Production Unit & baseline data package sent to State of WY on 800107.  
FORD, W H Wyoming Mineral Corp 80/01/15 64pp

8003120737 Forwards trend & monitor well sampling data for third quarter, 1980.  
FORD, W H Westinghouse Electric Corp, Wyoming Mineral Corp 80/01/18 9Bpp

8003240059 Requests that quarterly reporting sys be reinstituted. Retracts 791003 ltr which discontinued quarterly reporting. Requests company response to NRC 791220 ltr re 2,000 gpm amend request.  
MORROW, D Wyoming, State of 80/02/01 1p

8003210173 Advises of organizational changes effective 800123.  
HOFNE, F C Wyoming Mineral Corp 80/02/07 1p

8003210179 Advises of organizational changes effective 800123.  
HOFNE, F C Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/07 1p

8003190828 Forwards 800207 ltr to Irigaray facility from State of WY re meeting on Permit 478.  
FORD, W H Wyoming Mineral Corp 80/02/13 3pp

8003240168 Forwards WY Mineral Corp 800128 ltr to State of WY re add'l trend wells at Irigaray facility. Wells have been drilled & completed for production control & evaluation purposes. Related data & analyses encl.  
FORD, W H Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/13 43pp

8003130236 Forwards weekly water quality analyses of shallow monitor & shallow research well samples taken on 800122, 29 & 0205. Piezometric contour maps constructed from shallow zone static water levels encl.  
WICHERS, D L Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/14 14pp

8003190797 Advises responses to Irigaray 2,000 gpm amend will be delayed until wk of 800222 or 800306.  
FORD, W H Wyoming Mineral Corp 80/02/20 1p

8003280144 Application for amend to 790629 application for amend to License SUA-1341, authorizing immediate increase in facility primary flow rate to max of 1600 gpm prior to 800401.  
FORD, W H Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/27 2pp

## DOCKET 40-8584 UNION 76 MINERALS EXPLORATION CO

8003190075 Confirms 800107 telcon re internal waste removal. Forwards blasting procedure for subsurface tailings impoundment. Blasting will not be used within 40-ft of final inside toe of subsurface tailings impoundment.  
ACOSTA, A P Union 76 Minerals Exploration Co 80/01/08 2pp

8003170064 Discusses completion of annual survey within five miles of mill site, in fulfillment of License Condition 33. No known permanent residences to date within 10 miles of mill const site. Transient uses of Red Desert area continuing.  
ACOSTA, A P Union 76 Minerals Exploration Co 80/01/29 1p

## DOCKET 40-8585 WYOMING MINERAL CORP

8003210179 Advises of organizational changes effective 800123.  
HOFNE, F C Westinghouse Electric Corp, Wyoming Mineral Corp 80/02/07 1p

8003250480 Responds to 800130 ltr by forwarding environ/safety impact appraisal. Appraisal covers major considerations for issuing license. Supporting documents & correspondence available from PDR. Info re FL facilities available from State of FL.  
FISHER, B Uranium Recovery Licensing Branch 80/02/28 1p

# DOCKETED ITEMS

7

--B003250486 Requests license, license application & related documentation & correspondence for WY Mineral Corp Bingham Pit Mine & three licensed U recovery operations in FL  
DAVIS, A J Affiliation Unknown 80/01/30 1p

## DOCKET 40-B601 AIR FORCE, DEPT OF, USAF HOSP, VANDENBERG

B003210055 Forwards certification stating that source matl provided to First Strategic Aerospace Div at Vandenberg Air Force Base, CA, for use in joint test assemblies is classified Section 91b under Atomic Energy Act of 1954, as amended  
HOOVER, W W Energy, Dept of 80/02/26 2pp

## DOCKET 40-B602 UNITED NUCLEAR CORP

B003030334 Forwards "Preoperational Radiological Environ Monitoring Program Rept," Mar 1978-Nov 1979  
WOLFF, C E United Nuclear Corp 80/01/29 3pp

--B003030341 "Preoperational Radiological Environ Monitoring Program," Mar 1978-Nov 1979  
\* United Nuclear Corp 80/01/29 850pp

B003240225 Discusses proposed amend to Source Matl License SUA-1356, extending submittal date for operational insp & surveillance program for mill tailings embankment retention sys & discharge/decant sys Recommends approval  
KOTCH, J L Uranium Recovery Licensing Branch 80/02/22 2pp

B003280470 Responds to B00124 request for info re facility Answers questions re location of principal tracts of site to be used for mining/milling, dates of facility const & license issues  
SCARAND, R A Uranium Recovery Licensing Branch 80/02/26 1p

B003270342 Summary of B00129 meeting w/vendor & TVA in Silver Spring, MD re proposed tailings mgt alternatives for plant site  
KOTSCH, J L Uranium Recovery Licensing Branch 80/03/06 3pp

## DOCKET 40-B647 KERR-MCOEE CORP

B003060127 Forwards draft reg guide re calculational models for estimating human radiation doses, in response to B00116 telcon W/a encl  
MILLER, H Uranium Recovery Licensing Branch 80/02/01 1p

## DOCKET 40-B675 ENERGY FUELS NUCLEAR, INC

B003060047 Forwards decommissioning & reclamation bond assuring decommissioning & reclamation obligations pursuant to Source Matl License SUA-1325 Breakdown of costs set forth in Section 3 & 1 of NRC Aug 1979 EIA  
OLABIER, Q E Energy Fuels Nuclear, Inc 80/01/15 4pp

B003270349 Summary of B00131 meeting w/vendor in Silver Spring, MD re land ownership & surety arrangement  
GILLEN, D M Uranium Recovery Licensing Branch 80/03/04 5pp

## DOCKET 40-B681 ENERGY FUELS NUCLEAR, INC

B003060063 Informs that operations will begin on B00501  
ADAMS, R W Energy Fuels Nuclear, Inc 80/01/31 1p

B003240516 Discusses procedures prior to startup Radiation safety program being developed, monitoring equipment is on order or already obtained & procedures are being documented Environ monitoring program is operational  
BAKER, C E Energy Fuels Nuclear, Inc 80/02/05 2pp

B003140335 Responds to B00211 ltr. Amend to License SUA-1358 will be issued Request being reviewed Administrative amend fee required  
WEISS, D License Fee Management Branch 80/02/22 1p.

B003280125 Forwards two warranty deeds, documenting acquisition of land per B00226 telcon  
BAKER, C.E. Energy Fuels Nuclear, Inc. 80/02/26 5pp

B003250516 Submits approx schedule of forthcoming NRC insps in response to B00205 request insp of cell excavation & liner installation will occur sometime during first two wks of Apr 1980  
LINEHAN, J. J. Uranium Recovery Licensing Branch 80/03/04. 1p

B003270349 Summary of B00131 meeting w/vendor in Silver Spring, MD re land ownership & surety arrangement  
GILLEN, D M Uranium Recovery Licensing Branch 80/03/04 5pp

## DOCKET 40-B693 OGLE PETROLEUM, INC

B003240154 Submits third quarterly rept, covering Nov 1979-Jan 1980 for in situ U solution mining operation in Bison Basin area of WY Quarterly sampling of leak detection monitor well on south side of evaporation pond continuing on schedule  
CATCHPOLE, G J Ogle Petroleum, Inc 80/02/13 18pp

## DOCKET 40-B697 ROCKY MOUNTAIN ENERGY CO

B003060053 Submits info for quarter ending 7/91/231 re License SUA-1338 Operations centered on changing from production mode to restoration mode  
SPIELES, P Rocky Mountain Energy Co 80/01/21 5pp

B003240183 Forwards application for renewal of Source Matl License SUA-1228  
NEUMANN, M R Rocky Mountain Energy Co 80/01/23 1p

--B003240191 Application for renewal of Source Matl License SUA-1228 authorizing 5,000 kg U-308, in form of slurry, recovered from pregnant lixiviant  
OLDHAM, K R Rocky Mountain Energy Co 80/01/23 4pp

B003270078 Ack receipt of B00103 notification ltr re Reno Creek Project restoration Rept re progress & future plans following 30-day groundwater sweep phase is expected  
SCARAND, R A Uranium Recovery Licensing Branch 80/01/25 1p

B003190770 Submits semiannual effluent monitoring rept for Jul-Dec 1979 Tables encl  
SPIELES, P Rocky Mountain Energy Co 80/01/29 7pp

## DOCKET 40-B698 PLATEAU RESOURCES, LTD

B003250098 Recommends that agreement states perform insps & evaluations of U mill tailings dams to ensure that incident similar to Church Rock, NM tailings retention sys failure will not occur Summary statement of NRC evaluation encl  
KERR, G W Assistant Director for State Agreements Programs 80/01/03 3pp

--B003250114 Presents NRC position re requirements of U Mill Tailings Radiation Control Act of 1978 Outlines approach & schedule of NRC technical assistance reviews to help states comply Outline of tailings mgt program evaluation encl  
KERR, G W Assistant Director for State Agreements Programs 7/9/12/31 6pp

--B003250128 Safety evaluation input re Shouster Canyon tailings retention sys Proposed sys meets intent of Reg Guide 3.11 & will result in safe sys providing encl recommended license conditions are met  
GILLEN, D M Geosciences Branch 7/9/12/31 12pp.

## DOCKET 40-B702 ARMY, DEPT OF, ARMAMENT MAT READINESS COMMAND

B003070165 Discusses IE insp of License SUB-1339 on 7/9/024 No noncompliance noted Major areas inspected selective examinations of procedures & representative records, personnel interviews & inspector observations  
MCCLINTOCK, R D Region I, Philadelphia, Office of the Director 80/01/04 1p

## DOCKET 40-B713 NAVY, DEPT OF, NAVAL AIR REWORK FAC SAN DIEGO, CA

B003140328 Ack receipt of B00222 ltr informing NRC of steps taken to correct noncompliance noted in notice of violation  
ENGELKEN, R H Region 3, San Francisco, Office of the Director 80/02/29 1p

--B003140334 Responds to NRC 7/9/115 ltr re violation noted in IE insp on 7/9/022-23 Corrective actions notice to employees posted  
ROBA, M Navy, Dept of 80/02/22 1p

## DOCKETED ITEMS

--8003140338 Ack receipt of 791217 ltr informing NRC of steps taken to correct violation noted in IE insp on 791022-23 Requests response to Item D of notice of violation  
ENDELKEN, R H Region 5, San Francisco, Office of the Director  
80/02/07 1p

--8003140342 Forwards response to NRC 791115 ltr re violations noted in IE insp on 791022-23  
PHILLIPS, A R Navy, Dept of 80/01/14 1p

--8003140355 Responds to NRC 791115 ltr re violations noted in IE insp on 791022-23 Corrective actions NRC rules & regulations in custody of radiation safety officer & radiation control committee established  
HAMILTON, L R Navy, Dept of 79/12/17 3pp

--8003140357 Discusses IE insp on 791022-23 & forwards notice of violation  
ENDELKEN, R H Region 5, San Francisco, Office of the Director  
79/11/15 2pp

--8003140360 Notice of violation from insp on 791022-23 Noncompliance noted ionizing radiation control committee not formed & radioactive matl not inventoried  
Region 5, San Francisco, Office of the Director 79/11/15 3pp

DOCKET 40-8721 ROCKY MOUNTAIN ENERGY CO  
-----

8003130649 Discusses rejection of Nine Mile Lake application Major application deficiencies include inadequate environ assessment, mine plan & reclamation plan Forwards review comments.  
MORROW, D Wyoming, State of 80/01/15 15pp

8003060025 Responds to 791218 ltr re biological assessment of Nine Mile Lake U recovery project Concurs that there will be no effects on bald eagle, peregrine falcon & black-footed ferret.  
DUNCAN, M P Interior, Dept of, Fish & Wildlife Service 80/01/22 1p

8003060137 Provides comments for inclusion in Bison Basin PDES Results of Ogle Pilot study should be used when characterizing wastes or discussing one zone restoration Includes detailed discussions of disposal plans & groundwater monitoring  
KAUFMANN, R S Uranium Recovery Licensing Branch 80/01/30 2pp

DOCKET 40-8722 BRUSH-HELLMAN, INC  
-----

8003240260 Ack receipt of 791115 ltr forwarding plan for decontamination & reclamation of U recovery operation Plan processed as amend to license Safety & environ amend fee required  
HEISS, D License Fee Management Branch 80/02/29 1p

DOCKET 40-8727 KERR-MCQUEE NUCLEAR CORP  
-----

8003140077 Submits addl info in response to 791219 request re source matl license for U ion exchange facilities to permit recovery from mine water  
SHELLEY, W J Kerr-McQuee Nuclear Corp 80/01/31 4pp

DOCKET 40-8728 TETON EXPLORATION DRILLING CO, INC  
-----

8003140463 Forwards preinjection Packer test rept per Condition 34 of Source Matl License SUA-1373  
HERLIHY, Y D United Nuclear Corp, Teton Exploration Drilling, Inc Div 80/01/18 1p

--8003140466 "Packer Test Rept" for Pattern I, N well field area & Pattern I, M well field area  
HERLIHY, Y D United Nuclear Corp, Teton Exploration Drilling, Inc Div 80/01/18 16pp

8003170001 Forwards correspondence w/HY Dept of Environ Quality re required updating of excursion parameter criteria, per Stipulation 17 of Source Matl License SUA-1373  
HERLIHY, D United Nuclear Corp, Teton Exploration Drilling, Inc Div 80/01/22, 8pp.

8003240210 Discusses M Robinette review of Teton Exploration, Inc environ site rept Geologic & groundwater data insufficient to support "no leakage" position Drilling info lacking & geophysical log data do not support "no leakage"  
KAUFMANN, R S Uranium Recovery Licensing Branch 80/02/11 1p

8003140099 Forwards addl copy of "Embankment Info for North & South Leuenberger Reservoirs," per 800222 telcon request W/o encl  
APPEL, R R United Nuclear Corp 80/02/22 2pp

--8003140109 Forwards "Embankment Info for North & South Leuenberger Reservoirs," as requested by Stipulation 32 of license  
HERLIHY, D United Nuclear Corp 80/02/01 2pp

--8003140117 "Embankment Info for North & South Leuenberger Reservoirs  
HERLIHY, D United Nuclear Corp 80/02/01 47pp

DOCKET 40-8745 OGLE PETROLEUM  
-----

8003060137 Provides comments for inclusion in Bison Basin PDES Results of Ogle Pilot study should be used when characterizing wastes or discussing one zone restoration Includes detailed discussions of disposal plans & groundwater monitoring  
KAUFMANN, R S Uranium Recovery Licensing Branch 80/01/30 2pp

8003050008 Advises that project environ rept has been placed in reserve at Fremont Public Library to assist in following NRC licensing actions NRC EIS will be forwarded upon completion  
KAUFMANN, R S Uranium Recovery Licensing Branch 80/02/01 2pp

8003060028 Forwards responses to NRC questions received on 800116 re matl/byproduct license application Describes radiological impact assessment  
CATCHPOLE, G J Ogle Petroleum, Inc 80/02/01 13pp

8003190012 Notifies that review of NRC environ rept re in Situ U Mine is complete Assumption that area disturbed is marginal habitat for wildlife is incorrect Adjacent habitat will be invaded by displaced animals, resulting in overpopulation  
WALLENSTROM, R Interior, Dept of, Fish & Wildlife Service 80/02/01 3pp

8003050604 Submits addl info re license vol of one aquifer pore vol in R&D wellfield  
CATCHPOLE, G J Ogle Petroleum, Inc 80/02/28 1p

DOCKET 40-8747 EVEREST MINERALS CORP  
-----

8003250442 Advises that License SUA-1372 & conditions associated w/ license are void due to enactment of Public Law 96-106 amending U Mill Tailings Radiation Control Act of 1978 to remove NRC authority over tailings in agreement  
SCARANA, R A Uranium Recovery Licensing Branch 80/01/28 1p

8003270071 Forwards NRC ltr to Everest Minerals Corp re 791109 voiding of Everest Hobson Project License SUA-1372 by enactment of Public Law 96-106 Recommends making conditions of NRC license part of TX License for project W/o encl  
SCARANA, R A Uranium Recovery Licensing Branch 80/01/28 1p

DOMESTIC LICENSING OF PRODUCTION AND UTILIZATION FACILITIES

DOCKET 80-2 UNIV OF MICHIGAN RESEARCH REACTOR  
-----

P Operating license stage documents & correspondence  
-----

8003170035 Responds to 790820 & 0919 ltrs requesting approval of spent fuel shipment route from univ to Aiken, SC Route submitted on 790917 approved Data re local law enforcement arrangements & approved route withheld (ref 10CFR2 790)  
KERR, W Physical Security Licensing Branch 79/12/26 2pp

Q Inspection reports, IF Bulletins & correspondence  
-----

8003120105 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003210341 Forwards IE Insp Rept 80-002/80-01 on 800206-08 No noncompliance noted  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/28 2pp

# DOCKETED ITEMS

9

--8003210345 IE Insp Rept 50-002/80-01 on 800206-08 No noncompliance noted Major areas inspected facility organization & operation, measurements & controls, inventory, shipping & receiving & records Details withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch PATTERSON, J P  
FINLEY, A O Region 3, Chicago, Office of the Director 80/02/27. 1p

8003260327 Forwards revised cover page to IE Insp Rept 50-002/80-02 Rept originally issued in error under 50-002/80-01  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/03/04 1p

--8003260326 Revised cover page to IE Insp Rept 50-002/80-02 Rept originally issued under 50-002/80-01  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch MILLER, D E, PAUL, R A Region 3, Chicago, Office of the Director 80/02/21. 1p

## S Reportable occurrences, LERs & related correspondence

8003200477 Advises that on 800301, approx 47 mCi Br-82 released up facility exhaust stack Caused by broken sample Max possible release over 24-h less than 0.7% max permissible concentration  
COOK, O M Michigan, Univ of 80/03/03 1p

8003250006 PNO-111-80-041 on 800303, 46 mCi Br-82 released through monitored stack when sample being opened was spilled Cause not stated.  
BAKER, K R, MILLER, D E, BROWN, C H Region 3, Chicago, Office of the Director 80/03/03 1p

8003260614 RO 7 on 800303, during hot cave preparation of bromine motor oil sample, approx 45 mCi Br-82 was released through stack 2 Caused by operator bumping solution beaker Small amount spilled & released as free bromine  
KERR, W Michigan, Univ of 80/03/13 2pp

## DOCKET 80-3 INDIAN POINT STATION, UNIT 1

### F Security, medical, emergency & fire protection plans

8003070390 Ack receipt of questions on state & local plans resulting from NRC review of facility emergency plans NRC & FEMA Regional Advisory Committee roles unclear NRC questions will be included in meeting w/state Regional Advisory Committee  
CZECH, L B New York, State of 80/03/03 1p

8003170168 Forwards revised safeguards contingency plan, Plan withheld (ref 10CFR2 790)  
CAHILL, W J Consolidated Edison Co of New York, 80/03/07 1p

### G Adjudicatory correspondence

8003170099 Requests meeting to discuss NRC recommendations re UCS petition concerning facilities  
\* Westchester Peoples Action Coalition, Inc 80/02/13 1p

8003120330 Requests that Citizens' Committee for Protection of Environ 800213 filing be denied docketing, citing violation of NRC regulations.  
DAVIS, J P Consolidated Edison Co of New York, 80/02/21 2pp

8003210108 Comments on director decision on UCS petition Decision is spurious & irresponsible due to failure to address UCS petition questions Urges Commission to convene formal adjudicatory proceeding before licensing board  
FINK, S New York, State of 80/02/27 2pp

--8003210117 Expresses concern re NRC decision not to close facilities Recommends that ASLB be set up, record be compiled of UCS petition items & that operation of facilities be suspended until commissioners make final decision  
BOHMAN, M S Affiliation Unknown, 80/02/23 2pp

--8003210126 Expresses concern re NRC decision against UCS petition re continued operation of facilities Requests that public hearings be held within 50 miles of facility.  
RODRIGUEZ, P Affiliation Unknown 80/02/20 2pp

8003240042 Responds to 800128 ltr re UCS petition under 10CFR2.206 re facility reactors Forwards determination & associated orders, NRC denied request for shutdown of Units 2 & 3 w/o encl.  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/29 1p.

--8003240066 Requests that NRC suspend operations of facility until safety issues are resolved Provides specific steps NRC should take before facility should be allowed continued operation  
BRODSKY, R L Westchester County, NY 80/01/28 3pp

--8003240074 Statement of R Brodsky before NRC workshop on proposed rule requiring NRC concurrence in evacuation & emergency plans  
BRODSKY, R L Westchester County, NY 80/01/28 6pp

8003130399 Responds to 791207 ltr re UCS petition under 10CFR2.206 NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission w/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p

--8003130402 Urges NRC to expedite determination re UCS petition to shutdown Units 2 & 3 Backfitting essential safety features & developing realistic evacuation measures should be priority items  
FINK, S New York, State of 79/12/07 2pp

8003190103 Responds to 800125 ltr re UCS petition under 10CFR2.206 NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission w/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p

--8003190111 Requests NRC to schedule public hearing & determination re UCS petition Request based on widespread concern for health & safety of community  
SCIANDRA, J New York, State of 80/01/25 1p

8003190530 Responds to Village Independent Democrats 791210 ltr re UCS petition Shutdown of Units 2 & 3 will not be ordered Decision has been referred to Commission for review Determination & associated orders encl w/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 2pp

8003170379 Memorandum in response to NRC 800215 request for comments on director's decision under 10CFR2.206 NRC should decline to review 800211 decision No info suggests that director abused discretion in any way  
DAVIS, J P, BRANDENBURG, B Consolidated Edison Co of New York 80/03/10. 35pp

8003250513 Requests util response to NRC 800227 ltr Also requests other util submittals re director decision on UCS petition & commitments made by NRC to Commission on 800205, including notice of meetings between NRC & util  
WEISS, E R Sheldon, Harmon & Weiss 80/03/18 2pp

### H General correspondence

8003060148 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume new duty station by 800430 All resident inspectors will be onsite by 800607  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

8003250511 Submits suggested distribution list for expediting mail delivery of NRC studies  
PEOPLES, D L Commonwealth Edison Co 80/03/14 3pp

### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20. 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWER, D A, MEYER, R O Core Performance Branch 79/11/30. 106pp

8002190029 Forwards draft confirmatory orders & orders to show cause re implementation of Category A Lessons Learned Task Force short-term requirements to be completed by 800131 & 800215  
EISENHUT, D O Division of Operating Reactors, 79/12/31 43pp.

8003190811 Notification of 800221 meeting w/utills to discuss schedule & guidelines for review of environ qualification of equipment necessary to safety at 11 SEP facilities plus Zion & Indian Point  
O'CONNOR, P Operating Reactors Branch 2 80/02/14. 3pp.

## DOCKETED ITEMS

8003200122 Comments on proposed rule 10CFR50 urges establishment of objective criterion for max permissible time to accomplish evacuation of emergency zone  
WEISS,E R Union of Concerned Scientists WEISS,E R Sheldon, Hannon & Weiss 80/02/19 5pp

--8003200126 "Impact on NY City of Reactor Accidents at Indian Point," statement to NY City Council corrected on 790620 Supporting documentation encl  
SEYEA,J Princeton Univ 80/06/11 49pp

G Inspection reports, IE Bulletins & correspondence

8003060655 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER,B H Region I, Philadelphia, Office of the Director 79/11/29 1p

8003190293 Forwards safety analysis of actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping " Nondestructive insps & analyses performed are sufficient to ensure piping integrity  
SCHWENCER,A Operating Reactors Branch 1 80/02/12 4pp

8003140095 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/02/27 1p

8003120447 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/02/29 1p

8003140359 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/02/29 7pp

8003180273 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/06 1p

8003180029 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003190242 Forwards IE Info Notice 80-08 "States On Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003260273 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003260382 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/10 1p

8003260117 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls " Written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/13 1p

8003250267 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/14 1p

8003260020 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/14 1p

R Periodic operating reports & related correspondence

8003050237 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "   
CAHILL,W J Consolidated Edison Co of New York 80/02/29 1p

--8003050243 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "   
\* Consolidated Edison Co of New York 79/12/31 43pp

8003170444 Forwards data specified in Section 401 certification for Feb 1980, including data re species codes, circulating water temp, gross electrical output, river water discharge, chemical discharges & daily counts from intake screens  
MONTI,W A Consolidated Edison Co of New York 80/03/10 17pp

8003180470 Forwards "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979 " Sequence data resulting from 800117 earthquake encl  
CAHILL,W J Consolidated Edison Co of New York 80/03/13 2pp

--8003180476 "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979 "   
\* Woodward-Clyde Consultants, Inc 80/01/08 37pp

8003240529 Forwards monthly rept of daily fish counts for Feb 1980  
CAHILL,W J Consolidated Edison Co of New York 80/03/14 1p

--8003240531 Monthly rept of daily fish count from intake screens for Feb 1980   
\* Consolidated Edison Co of New York 80/03/14 4pp

8003250506 Forwards "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5 "   
CAHILL,W J Consolidated Edison Co of New York 80/03/14 1p

--8003250510 "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5 "   
\* Consolidated Edison Co of New York 80/03/31 100pp

T Hearing transcripts on non-antitrust matters

8003120606 Transcript of 239th ACRS general meeting on 800307 Pp 1-379   
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/07 380pp

DOCKET 80-5 PENNSYLVANIA STATE UNIV RESEARCH REACTOR

G Inspection reports, IE Bulletins & correspondence

8003250249 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER,B H Region I, Philadelphia, Office of the Director 80/03/14 1p

DOCKET 80-10 DRESDEN NUCLEAR POWER STATION, UNIT 1

F Security, medical, emergency & fire protection plans

8003170488 Forwards comments on supplementary items re fire protection review for facilities  
MACDOUGALL,E A Brookhaven National Laboratory 79/10/08 6pp

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES,D L Commonwealth Edison Co 80/03/11 4pp

--8003210549 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "   
\* Stone & Webster Engineering Corp 80/01/31 57pp

--8003210555 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "   
\* Stone & Webster Engineering Corp 80/01/31 51pp

--8003210559 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "   
\* Stone & Webster Engineering Corp 80/01/31 175pp

--8003210563 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "   
\* Stone & Webster Engineering Corp 80/01/31 48pp

# DOCKETED ITEMS

11

## G Adjudicatory correspondence

8003070295 Forwards confirmatory order requiring licensee to install recirculation pump trip by 801231 as stated in 790329,1130 & 800204 ltrs of commitment  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 1p

--8003070298 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

--8003070302 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

--8003070303 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

--8003070305 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

--8003070307 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

## H General correspondence

8001100406 Responds to NRC 791220 ltr re facility decommissioning & petition for public hearing Disposal of decontamination wastes is generic problem Suggests NRC hold public hearing  
BERICK, D Environmental Policy Institute 80/01/07 1p

## I Financial information

8003290541 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures  
NEXON, H H Commonwealth Edison Co 80/03/18 6pp

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109.  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003070272 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting info due within 30 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003140271 Requests list of references for SEP Topics V-6, VI-7 C 1, VI-B, VIII-4, XV-9, XV-11, XV-13 & XV-19 within 90 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003190301 Advises that IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components," was sent to listed utils on 800208  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/14 2pp

8003200592 Forwards SEP Topic III-1R, "Guidelines for Evaluating Environ Qualification of Class IE Electrical Equipment in Operating Reactors." All SEP licensees requested to attend 800221 meeting in Bethesda, MD re review process  
ZIEMANN, D L Operating Reactors Branch 2 80/02/15 3pp.

8003240163 Responds to 800107 ltr re waste disposal aspects of facility decontamination Ltr provided to Low Level Waste Licensing Branch for consideration in developing waste disposal policies  
VOLLMER, R H Systematic Evaluation Program Branch 80/02/19 2pp

8003200056 Advises that NRC & Essex Corp will survey facility on 800304 to develop guidance to enable licensees to implement recommendation of Section 7.1 of NUREG-0585, "TMI-2 Lessons Learned Task Force Final Rept." List of site visitors encl  
ZIEMANN, D L Operating Reactors Branch 2 80/02/25 4pp

8003050214 Responds to 800101 ltr re action plan concerning seismic design Outlines proposed resolution, including developing list of floor-mounted safety-related electrical equipment using inservice insp program  
JANECEK, R F Commonwealth Edison Co 80/02/29 2pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003140203 Satisfies commitment in util 800229 ltr to provide results of SEP seismic review All accessible floor mounted safety-related electrical equipment is positively anchored Inaccessible items will be inspected at later date  
JANECEK, R F Commonwealth Edison Co 80/03/10 1p

8003170464 Proposes to add addl specimens to post-cleaning metal surveillance program in response to NRC & consultant questions re corrosion of type 410 stainless steel during extended wet layup condition  
PEOPLES, D L Commonwealth Edison Co 80/03/10 2pp

8003190711 Responds to 800117 ltr requesting review of draft evaluation of SEP Topic III-B C Evaluation does not establish that vessel internals are sensitized & goes beyond safety objective of reviewing reactor internals  
JANECEK, R F Commonwealth Edison Co 80/03/10 1p

8003180345 Responds to 800223 request for info re existing primary coolant sys pressure isolation valves  
NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

## Q Inspection reports, IE Bulletins & correspondence

8002290031 Notice of violation from insp on 791203-800104  
\* Region 3, Chicago, Office of the Director 80/01/25 1p

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003200405 Forwards IE Insp Repts 80-010/80-02, 80-237/80-02, 80-249/80-02, 80-254/80-02 & 80-265/80-04 on 800110 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/05 2pp.

--8003200408 IE Insp Repts 80-010/80-02, 80-237/80-02, 80-249/80-02, 80-254/80-02 & 80-265/80-04 on 800110 No noncompliance noted Major areas inspected discussion of recent personnel errors  
KEPPLER, J G, SPEBBARD, R L Region 3, Chicago, Office of the Director. HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/01/28 4pp

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells." Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p.

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

## DOCKETED ITEMS

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003110270 Advises that IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition," was sent to listed utils on 800208  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/14 3pp

8003120075 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " Notifies that circular sent to listed licensees on 800201  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/14 4pp

8003140148 Advises that IE Bulletin 80-03, "Main Turbine Electrophdraulic Control Sys," was sent to listed utils on 800206  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/14 3pp

8003190067 Advises that IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference," was sent to listed utils on 800131  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/14 2pp

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003140410 Advises that IE Info Notice 80-06, "Notification of Significant Events," was sent to listed utils on 800227  
CARROLL, D E Region 3, Chicago, Office of the Director 80/02/28 3pp

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation "  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003120262 Advises that IE Info Notice 80-07, "Pump Shaft Fatigue Cracking," was sent to listed utils on 800229  
CARROLL, D E Region 3, Chicago, Office of the Director 80/03/03 2pp

8003140301 Advises that IE Bulletin 79-01B supplemental info, "Environ Qualification of Class IE Equipment," was sent to listed utils on 800229  
CARROLL, D E Region 3, Chicago, Office of the Director 80/03/03 10pp

8003180229 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/04 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260029 Forwards IE Info Notice 80-04, "BNR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003180014 Advises that IE Info Notice 80-10 "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation," was sent to listed utils on 800307  
CARROLL, D E Region 3, Chicago, Office of the Director 80/03/11 3pp

8003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003090601 Forwards radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
STEPHENSON, B B Commonwealth Edison Co 80/02/11 1p

--8003050611 Radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
\* Commonwealth Edison Co 79/12/31 15pp

8003280349 Forwards "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/11 1p

--8003280358 "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
\* Commonwealth Edison Co 80/02/11 16pp

8003100149 Forwards "Annual Operating Rept for 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/22 1p

--8003100153 "Annual Operating Rept for 1979 "  
\* Commonwealth Edison Co 80/02/22 31pp

8003180487 Forwards monthly operating repts for Feb 1980  
STEPHENSON, B B Commonwealth Edison Co 80/03/07 1p

--8003180493 Monthly operating repts for Feb 1980  
CIEBZKIEWICZ, B Commonwealth Edison Co 80/03/04 17pp

#### U Congressional/Executive Correspondence

8003280473 Endorses J.L. Safe Energy Alliance request for completion of EIS before proceeding w/plant decontamination  
YATES, B R House of Rep 80/02/20 1p

#### DOCKET 80-13 DABCOCK & WILCOX CO CRITICAL FACILITY

#### Q Inspection reports, IE Bulletins & correspondence

8003110464 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

#### DOCKET 80-16 ENRIKO FERMI ATOMIC POWER PLANT, UNIT 1

#### J Insurance & indemnity information

8003110491 Forwards certified Endorsement 94 to NELIA Policy NF-92  
MAYERS, B R Detroit Edison Co 80/03/04 2pp

#### DOCKET 80-18 VALLECITOS BOILING WATER REACTOR

#### J Insurance & indemnity information

8003130478 Forwards Endorsement 114 to NELIA Policy NF-1  
CORREA, M A Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div, 80/02/26 2pp

# DOCKETED ITEMS

13

## S Reportable occurrences, LERs & related correspondence

8003280222 PNO-V-80-015 on 800123, licensee well sample found elevated concentrations of tritium in groundwater Well located next to underground radwaste Farm Tanks will be emptied & checked for leaks on 800229  
WENSLAWSKI, F., FISH, R Region 5, San Francisco, Office of the Director 80/02/29 2pp

## DOCKET 50-20 MASSACHUSETTS INST OF TECH RES REACTOR

### P Operating license stage documents & correspondence

8003180341 Forwards SAR Revision 19 re emergency plan  
CLARK, L Massachusetts Institute of Technology 80/03/12 14pp

8003180577 Submits SAR Revision 20 describing hot cells recently installed in reactor containment bldg & requests amend to facility OL authorizing receipt & possession of byproduct matl for use in hot cells  
CLARK, L Massachusetts Institute of Technology 80/03/13 11pp

## Q Inspection reports, IE Bulletins & correspondence

8003250248 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-22 WESTINGHOUSE TEST REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003250233 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-24 GENERAL ELECTRIC CO CRITICAL EXPERIMENT

### J Insurance & indemnity information

8003130478 Forwards Endorsement 114 to NELIA Policy NF-1  
CORREA, M A Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/02/26 2pp

## DOCKET 50-27 WASHINGTON STATE UNIV RESEARCH REACTOR

### F Security, medical, emergency & fire protection plans

8003180490 Requests official written notification of change in required date of submission of physical security plans indicated in 800107 ltr to nonpower reactor licensees  
WILSON, W E Washington Univ 80/03/12 1p

## DOCKET 50-29 YANKEE-ROWE NUCLEAR POWER STATION

### F Security, medical, emergency & fire protection plans

8003270042 Requests revision within 30 days to safeguard contingency plan reflecting revised pages bearing appropriate revision number & date encl NRC comments Comments withheld (ref 10CFR2 790)  
ZIEHMANN, D L Operating Reactors Branch 2 80/03/11 2pp

8003280455 Submits comprehensive evaluation on three util fire detector analyses, separately evaluated by BNL on 800303, 021R & 791130 NRC should study effects of congestion, ventilation/stratification on detector performance  
BACCIC, J Brookhaven National Laboratory 80/03/20 3pp

## I Financial information

8003310247 Forwards financial statements & summary of financial protection for 1979  
SOUCY, A R Yankee Atomic Electric Co 80/03/31 6pp

## J Insurance & indemnity information

8003040409 Forwards Endorsements 91 & 92 to NELIA Policy NF-76 & Endorsement 77 to MALEU Policy NF-26  
NEBBITT, J C Yankee Atomic Electric Co 80/02/26 4pp

8003290549 Forwards Endorsement 4 to MALEU Binder XB-4 & Endorsement 5 to NELIA Binder EB-4  
SOUCY, A R Yankee Atomic Electric Co 80/03/11 5pp

## P Operating license stage documents & correspondence

7903090337 Requests addl info re geology & geotechnical engineering in order to complete review or systematic evaluation program  
DENISE, R P Assistant Director for Site Technology 79/02/12 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EIBENHUT, D Q Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003100173 Responds to Technical Assistance Request 7809 re steam generator water hammer Acceptable precautions being taken safety evaluation & consultant rept encl  
LAINAS, Q Plant Systems Branch 80/01/26 1p

--8003100179 Safety evaluation re steam generator water hammer Water hammer unlikely EQ&O ID 800109 ltr to DOE encl  
\* Plant Systems Branch 80/01/31 5pp

8003070330 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 30 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003140277 Requests list of references for SEP Topics VI-7 F.VIII-2, VIII-4, IX-4, XV-9, XV-10, XV-11, XV-12 & XV-19 within 90 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003280645 Requests that util perform review of environ qualification of safety-related electrical equipment against encl NRC guidelines Also requests that util attend 800221 meeting w/NRC in Bethesda, MD re qualification review process  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/15 40pp

8003190816 Notification of 800222 meeting w/util to discuss analyses re postulated floods at facility  
O'CONNOR, P W Operating Reactors Branch 2 80/02/19 2pp

8003130641 Discusses 800215 turbine failure Both first stage discs in low pressure rotor completely failed, broken in several major pieces & in many minor fragments Major damage also observed at adjacent rows of blades & stators  
HAZELTON, W S Engineering Branch 80/02/21 2pp

8003190911 Forwards "Safety Analysis of Interim Actions Taken to Eliminate Feedwater Piping Cracks " Replacement & repair adequate Ack certain util commitments  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/26 6pp

8003030415 Responds to NRC 790808 ltr re offsite power sys & onsite distribution sys Forwards "Auxiliary Power Sys Voltage Study "  
RAY, J A Yankee Atomic Electric Co 80/02/27 2pp

--8003030417 "Auxiliary Power Sys Voltage Study "  
JOHNSON, P R., URBANOWSKI, S, F Yankee Atomic Electric Co YAEC-1206 80/02/26 36pp

8003040277 Submits util evaluation of basis for continued operation during period when plant is being evaluated for effects of LOCA loads on sys components & structures No reason to change conclusion that LOCA is highly improbable  
VANDENBURG, D Yankee Atomic Electric Co 80/02/27 2pp

8003050452 Forwards "Site Dependent Response Spectras "  
KAY, J A Yankee Atomic Electric Co 80/02/29 1p

--8003050459 "Site Dependent Response Spectras "  
HOLT, R J Weston Geophysical Corp 80/02/29 200pp



## DOCKETED ITEMS

8003120575 Submits comments on NUREG-0630 re temp ramp rate calculation for cladding swelling & rupture models. Discrepancies in rates demonstrate need to focus on design specs & measurement techniques for data base. Continuing evaluation required.  
VANDENBURGH, D E Yankee Atomic Electric Co 80/02/29 4pp

8003140214 Revises 800220 action plan. Step 5 re anchorage & support of safety-related electrical equipment. Results of investigation will be forwarded by 800415. All mods completed by 800901.  
KAY, J A Yankee Atomic Electric Co 80/03/04 1p

8003240450 Forwards Drawing M-7 re valve configuration of low & high pressure portions of safety injection sys. Event 3 valve configuration does not exist & further action not required.  
HEIDER, L H Yankee Atomic Electric Co 80/03/17 1p

--8003240455 "Safety Injection Sys."  
\* Yankee Atomic Electric Co 78/12/31 1p

8003240389 Provides list of refs to docketed info re SEP topics requested in NRC 800214 ltr.  
KAY, J A Yankee Atomic Electric Co 80/03/19 2pp

8003170253 Forwards info. in response to 791204 ltr. re loss of offsite power survey. During 19 yrs of operation one complete loss of offsite power occurred on 6/11/09. Transmission grid operation & monitoring changes minimize effects of sys disturbances.  
KAY, J A Yankee Atomic Electric Co 80/03/11 8pp

#### Q Inspection reports, IE Bulletins & correspondence

8003060765 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003190875 Forwards IE Insp Rept 50-029/79-16 on 791217-19 No noncompliance noted.  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/26 2pp

--8003190886 IE Insp Rept 50-029/79-16 on 791217-19 No noncompliance noted. Major areas inspected: license coordination w/offsite agencies, emergency facilities, equipment, instrumentation & supplies & mgt controls in area of emergency planning.  
FOLEY, T Region 1, Philadelphia, Office of the Director  
MARTIN, T Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/24 6pp

8003190363 Responds to util 790706 ltr re item of noncompliance noted in IE Insp Rept 50-029/79-05. Ofc of Nuclear Reactor Regulation confirms util position. Item of noncompliance rescinded.  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/31 1p

8003280474 Forwards site-specific general questions & generic questions re turbine discs discussed in IE Info Notice 79-37. Probability of cracking in low pressure turbine discs is greater than previously assumed by Westinghouse.  
EISENHUT, D G Division of Operating Reactors 80/02/25 6pp

8003140129 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120568 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003180299 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards." No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180061 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants." No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190299 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response requested.  
GRIER, B H Region 1, Philadelphia, Office of the Director, 80/03/07 1p

8003260375 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260465 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260180 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003260372 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260082 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003130496 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
KAY, J A Yankee Atomic Electric Co 80/02/29 1p

--8003130499 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
\* Yankee Atomic Electric Co 80/02/29 11pp

8003170423 Forwards monthly operating rept for Feb 1980.  
HODDY, D E Yankee Atomic Electric Co 80/03/12 1p

--8003170425 Monthly operating rept for Feb 1980.  
BEERS, F C Yankee Atomic Electric Co 80/03/12 5pp

#### S Reportable occurrences, LERs & related correspondence

8003250053 RO 50-29/80-8 during surveillance testing of complete circuit, timers failed to operate. Caused by timer polarity sensitivity. Installation documentation checked. Entire circuit to be retested.  
AULT, H A Yankee Atomic Electric Co 80/02/01 2pp

8003190425 PNO-1-80-028 on 800214, during plant startup w/turbine at rated speed but not tied to grid, loud noise was heard in low pressure turbine accompanied by excessive vibration. Turbine coasted to stop & could not be rotated.  
FOLEY, T, MARTIN, T, BRUNNER, E Region 1, Philadelphia, Office of the Director 80/02/15 1p

8003190435 Supplemental PNO-1-80-028A on 800214, during plant startup, loud noise was heard in low pressure turbine w/vibration in excess of 10 mils. Turbine tripped & coasted to stop in 25-30 minutes.  
FOLEY, T Region 1, Philadelphia, Office of the Director  
MARTIN, T Office of Inspection & Enforcement, Office of the Director  
BRUNNER, F J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/15 2pp

8003170195 PNO-180-032 on 800220, while moving new fuel into containment, w/fuel assembly in up-ender, control element assembly inadvertently withdrawn from assembly by fuel handling machine.  
MARTIN, T, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/21 1p

8003040560 Forwards LER 80-007/03L-0.  
AULT, H A Yankee Atomic Electric Co 80/02/27 1p

--8003040568 LER 80-007/03L-0 on 800128, during cold shutdown mode 5, while performing operational check of safety injection accumulator switches, SI-50V-56 failed. Caused by dirt on valve internals. Valve replaced.  
FRENCH, L D Yankee Atomic Electric Co 80/02/27 1p

# DOCKETED ITEMS

15

## DOCKET 50-30 PLUM BROOK RESEARCH REACTOR FACILITY

### P Operating license stage documents & correspondence

8003250441 Requests issuance of dismantling order & termination of License TR-3 Forwards dismantling plan, environ rept & application for revision to License 34-06706-03  
BENEDICT, D E National Aeronautics & Space Admin 80/03/17 3pp

--8003250443 Forwards application for amend to License 34-06706-03 to permit decontamination & dismantling of facility  
RICHEY, E A National Aeronautics & Space Admin 80/03/18 1p

--8003250444 Application for amend of License 34-06706-03 to obtain NRC authorization to dismantle facility Suppl encl  
JUNOD, T L National Aeronautics & Space Admin 80/03/18 134pp

--8003250446 Environ rept for dismantling facility  
\* National Aeronautics & Space Admin 80/02/29 175pp

--8003250448 "Dismantling Plan"  
\* National Aeronautics & Space Admin 80/02/29 200pp

## DOCKET 50-47 ARMY MATERIALS RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003250191 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-54 UNION CARBIDE RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003250224 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-57 STATE UNIV OF NEW YORK RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003250253 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-59 TEXAS A&M UNIV RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003110401 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director. 80/02/01 1p

## DOCKET 50-62 UNIV OF VIRGINIA RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003110494 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01. 1p

8003060208 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-062/79-03 & 50-396/79-02  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/20 1p

--8003060218 Responds to NRC 800211 ltr re violations noted in IE Insp Repts 50-062/79-03 & 50-396/79-02, Corrective actions procedure changed to include calibr of resistance temp detector  
SHRIVER, B L Virginia, Univ. of. 80/02/11. 1p

--8003060228 Forwards IE Insp Repts 50-062/79-03 & 50-396/79-02 on 791213-14 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003060231 Notice of violation from insp on 791213-14  
\* Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 1p

--8003060235 IE Insp Repts 50-062/79-03 & 50-396/79-02 on 791213-14 Noncompliance noted failure to conduct safety sys channel calibrs  
KELLQO, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch WEBSTER, E H Region 2, Atlanta, Office of the Director 80/01/17 4pp

## DOCKET 50-70 GENERAL ELECTRIC TEST REACTOR

### J Insurance & indemnity information

8003130478 Forwards Endorsement 114 to NELIA Policy NF-1  
CORREA, M A Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/02/26 2pp

### P Operating license stage documents & correspondence

8003140233 Forwards "Addl Probability Analyses of Surface Rupture Offset Beneath Reactor Bldg " Surface rupture offset occurring beneath facility should not be considered as design basis event  
DARMITZEL, R W General Electric Co 80/03/12 4pp

--8003140239 "Addl Probability Analyses of Surface Rupture Offset Beneath Reactor Bldg "  
\* Jack R Benjamin & Associates, Inc JPA-111-013-01 80/03/12 32pp

8003190469 Responds to NRC request for addl probability analyses of surface rupture offset beneath test reactor bldg Age of soil beneath reactor bldg assumed to be 40,000 yrs Results are unrealistically high & geologically unrepresentative  
DARMITZEL, R W General Electric Co 80/03/17 2pp

## DOCKET 50-72 UNIV OF UTAH RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003110410 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

### B Reportable occurrences, LERS & related correspondence

8003140171 PNS-IV-80-004 on 800227, bomb threat received by DFC of President, Call stated bomb was placed in nuclear engineering lab Authorities were not notified & search conducted No bomb found Lab shut down for remainder of day  
WEBSTERMAN, T F., MADSEN, O L Region 4, Dallas, Office of the Director 80/02/27 1p.

## DOCKET 50-73 GENERAL ELECTRIC NUCLEAR TEST REACTOR

### J Insurance & indemnity information

8003130478 Forwards Endorsement 114 to NELIA Policy NF-1  
CORREA, M A Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/02/26. 2pp

## DOCKET 50-77 CATHOLIC UNIV OF AMERICA RESEARCH REACTOR

### Q Adjudicatory correspondence

8003060001 Director's decision under 10CFR2 206, denying PK Fitzpatrick 791003 request to suspend DL & issue order to show cause Alleged license violations unsubstantiated per IE Investigation Rept 50-77/79-02.  
STELLO, V, Office of Inspection & Enforcement, Office of the Director 80/02/20. 1p

## DOCKETED ITEMS

--B003060006 Responds to 791003 ltr on behalf of PK Fitzpatrick requesting suspension of OL & investigation of activities Encl Investigation Rept 50-77/79-02 did not substantiate allegations Request denied per encl decision  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/20 1p

--B003060013 Director's decision under 10CFR2 206 denying PK Fitzpatrick 791003 request to suspend OL & issue order to show cause Alleged storage of explosive matl & inadequate security unsubstantiated per IE Investigation Rept 50-77/79-02  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/20 3pp

--B003060021 Advises of visit by PK Fitzpatrick & legal counsel to register concern re operation of reactor Supporting documentation encl  
PELLEGRINO,E D Catholic Univ 79/09/26 Bpp

B003190164 Forwards Director's decision & IE Insp Rept 50-077/79-02 of activities under License R-31 in response to 791003 petition requesting suspension & investigation Other requests made in petition denied w/o insp rept  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/20 1p

--B003190170 Director's decision per 10CFR2 206 denying 791003 petition requesting suspension of License R-31  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/20 3pp

Q Inspection reports, IE Bulletins & correspondence

B003040124 Responds to 791217 request that segments of Investigation 50-077/79-02 be deleted prior to release to PDR Release of segments will not have negative impact on security plan w/ exception of Paragraph 1, Page 9 Paragraph 1 to be withheld  
GRIER,B H Region 1, Philadelphia, Office of the Director 80/01/21 1p

--B003040128 Requests that portions of IE Investigation 50-077/79-02 be withheld from PDR Info could negatively impact security plan  
JORDAN,E D Catholic Univ 79/12/17 1p

B003140042 Ack receipt of 791218 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-077/79-03  
ALLAN,J M Region 1, Philadelphia, Office of the Director 80/02/18 1p

--B003140070 Responds to NRC 791211 ltr re violations noted in IE Insp Rept 50-077/79-03 Corrective actions notices have been posted in reactor room & radioisotopes lab  
CASARELLA,M J Catholic Univ 79/12/18 1p

--B003140076 Forwards IE Insp Rept 50-077/79-03 on 791029-30 & notice of violation  
ALLAN,J M Region 1, Philadelphia, Office of the Director 79/12/11 2pp

--B003140079 Notice of violation from insp on 791029-30  
4 Region 1, Philadelphia, Office of the Director 79/11/20 1p

--B003140092 IE Insp Rept 50-077/79-03 on 791029-30 Noncompliance noted failure to post info & to post Form NRC-3  
GALLINA,C D , FLUMLEE,K E Region 1, Philadelphia, Office of the Director STOHR,J P Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/11/20 11pp

B003250237 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER,B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

R Periodic operating reports & related correspondence

B003200321 Forwards "1979 Annual Rept of Nuclear Reactor Operations "  
JORDAN,E D Catholic Univ 80/03/14 1p

--B003200397 "1977 Annual Rept of Nuclear Reactor Operations "  
EBERT,D D , KEENE,W E , JORDAN,E D Catholic Univ 80/01/31 60pp

DOCKET 50-83 UNIV OF FLORIDA TRAINING REACTOR

Q Inspection reports, IE Bulletins & correspondence

B003110492 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/01 1p

DOCKET 50-87 WESTINGHOUSE CRITICAL EXPERIMENT

Q Inspection reports, IE Bulletins & correspondence

B003120089 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER,J G Region 3, Chicago, Office of the Director 80/02/01 1p

DOCKET 50-97 CORNELL UNIV ZERO POWER REACTOR

P Operating license stage documents & correspondence

B003260595 Submits rept re activities under Licenses R-80 & R-89 for period Jul 1978-June 1979  
ADERHOLD,H C Cornell Univ 80/03/20 1p

Q Inspection reports, IE Bulletins & correspondence

B003250244 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER,B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

DOCKET 50-98 UNIV OF DELAWARE RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

B003250245 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER,B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

DOCKET 50-99 BABCOCK & WILCOX TEST REACTOR

Q Inspection reports, IE Bulletins & correspondence

B003110464 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/01 1p

DOCKET 50-111 NORTH CAROLINA STATE UNIV RESEARCH REACTOR

P Operating license stage documents & correspondence

B003040467 Modifies 791210 request for amend to License R-63 Reactor area monitors, stack monitors daily air sample taken in bay will be discontinued Radiation & contamination survey of R-3 bay area will be conducted quarterly  
SAXE,R F , THOMAS,J L North Carolina State Univ 80/02/05 2pp

Q Inspection reports, IE Bulletins & correspondence

B003110487 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/01 1p

DOCKET 50-112 UNIV OF OKLAHOMA RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

B003110408 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/01 1p

# DOCKETED ITEMS

17

## DOCKET 50-116 IOWA STATE UNIV RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003120091 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

## DOCKET 50-123 UNIV OF MISSOURI RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003120109 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPLER, J G Region 3, Chicago, Office of the Director. 80/02/01  
1p

8003060630 Ack receipt of 800121 ltr informing NRC of steps taken to correct violations noted in IE insp repts for Licenses R-79 & SNM-247  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/07 1p

--8003060638 Responds to NRC 800111 ltr re violations noted in IE insp repts for Licenses R-79 & SNM-247 Corrective actions withheld (ref 10CFR2 790)  
PLANJE, T J Missouri, Univ of, Rolla 80/01/21 1p

--8003060643 Ack receipt of NRC 800111 ltr & IE insp repts noting violations of activities under Licenses R-79 & SNM-247 Advises that persons responsible for license activity will respond no later than 800201  
PLANJE, T J Missouri, Univ of, Rolla 80/01/14 1p

8003210583 Amends 790918 response to IE Bulletin 79-19 Each of five health physics ofcs maintains set of NRC & DOT regulations & set of collection contractor requirements Audit of ofcs is performed annually  
BOND, R Missouri, Univ of, Rolla 80/02/28 2pp

8003190566 Forwards IE Insp Rept 50-123/80-01 on 800207-08 No noncompliance noted Details withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/03/03 1p

--8003190582 IE Insp Rept 50-123/80-01 on 800207-08 No noncompliance noted Major areas inspected security organization, access control, alarm sys, keys, locks, hardware, communications, surveillance & procedures Details withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch KNICELEY, J R  
MADEDD, T J Region 3, Chicago, Office of the Director 80/02/28 1p

## DOCKET 50-124 VIRGINIA POLYTECH INST TRAINING REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003110495 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

## DOCKET 50-128 TEXAS A&M UNIV RESEARCH REACTOR

### P Operating license stage documents & correspondence

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

--8003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of. 80/01/07 1p

### Q Inspection reports, IE Bulletins & correspondence

8003110401 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 50-129 WEST VIRGINIA UNIV RESEARCH REACTOR

### H General correspondence

8003040287 Forwards info on dismantling of reactor, order authorizing dismantling, NRC safety evaluation, EIA & dismantling plan in response to 800207 request W/o encls  
REID, R W Operating Reactors Branch 4 80/02/15 1p

### P Operating license stage documents & correspondence

8003120632 Forwards info re WV reactor, NRC order authorizing dismantling of component parts, NRC safety evaluation, NRC EIA & dismantling plan for WV reactor W/o encls  
REID, R W Operating Reactors Branch 4 80/02/15 1p

--8003120635 Requests info re WV Univ order authorizing dismantling of facility & disposition of component parts & NRC EIA  
HUNSON, J T United Engineers & Constructors, Inc (subs of Raytheon Co ) 80/02/08 1p

### Q Inspection reports, IE Bulletins & correspondence

8003110499 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

## DOCKET 50-131 OMAHA VET ADMIN HOSP RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003110335 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003060751 Ack receipt of 800114 ltr informing NRC of steps taken to correct violation noted in IE insp on 791127-28  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/13 1p

--8003060757 Responds to NRC 800107 ltr re violation noted in IE insp on 791127-28 Encl corrective action withheld (ref 10CFR2 790)  
MATOOLE, J J Vet Admin Hosp Omaha, NE 80/01/14 1p

## DOCKET 50-133 HUMBOLDT BAY POWER PLANT, UNIT 3

### J Insurance & indemnity information

8003190453 Forwards Endorsements 86 & 87 to NELIA Policy NF-113  
CRANE, P A Pacific Gas & Electric Co 80/03/06 3pp

### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20, 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8002070027 Requests review of QA program re diesel generator fuel oil Item should be included in QA program if exception taken to inclusion, response required within 90 days  
EISENHUT, D G Division of Operating Reactors 80/01/07, 1p

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28, 6pp

--8003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of 80/01/07 1p

8003050800 "Response to NUREG-0578, Short-Term Lessons Learned Requirements "  
\* Pacific Gas & Electric Co 80/02/29 300pp

## DOCKETED ITEMS

## G Inspection reports, IE Bulletins &amp; correspondence

8003120700 Responds to IE Bulletin 79-25 Facility does not use or plan to use Westinghouse BFD relays in safety-related sys  
CRANE, P A Pacific Gas & Electric Co 79/12/26 1p

8003110287 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/08 1p

8003120273 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140306 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 7pp

8003280159 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Facility presently in cold shutdown mode & will review power supply sys upon seismic issue resolution  
CRANE, P A Pacific Gas & Electric Co 80/02/29 1p

8003180211 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/06 1p

8003140374 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180017 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180111 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260567 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260379 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003250155 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260344 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## R Periodic operating reports &amp; related correspondence

8003050218 Forwards "Rept on Radioactive Effluent Releases & Waste Disposal, Jul-Dec 1979 "  
CRANE, P A Pacific Gas & Electric Co 80/02/29 1p

--8003050218 "Rept on Radioactive Effluent Releases & Waste Disposal, Jul-Dec 1979 "  
\* Pacific Gas & Electric Co 79/12/31 19pp

--8003050221 "Rept Number 73, Environ Radiation Study in Vicinity of Facility, Eureka, CA, Quarter Ending June 30, 1979 (Spring) "  
CAYOT, R F, BROWNRIGG, D L, LORENZ, R W Pacific Gas & Electric Co, 420-79 85. 79/12/14 19pp.

--8003050228 "Rept Number 74, Environ Radiation Study in Vicinity of Facility, Eureka, CA, Quarter Ending Sept 30, 1979 (Summer) "  
CAYOT, R F, BROWNRIGG, D L, LORENZ, R W Pacific Gas & Electric Co 420-79 127 79/12/26 19pp

8003170404 Forwards monthly operating rept for Feb 1980  
WEEKS, E D Pacific Gas & Electric Co 80/03/06 1p

--8003170418 Monthly operating rept for Feb 1980  
GETTY, B C Pacific Gas & Electric Co 80/03/05 4pp

## S Reportable occurrences, LERs &amp; related correspondence

8003180553 Forwards LER 80-001/03L-0  
CRANE, P A Pacific Gas & Electric Co 80/03/12 1p

--8003180562 LER 80-001/03L-0 on 800210, during routine testing, fire water sys header low pressure switch started fire pumps at 44 psig Caused by setpoint drifting due to loosening of setpoint retainer Setpoint was adjusted  
DIRCKS, W J Pacific Gas & Electric Co 80/03/11 1p

## U Congressional/Executive Correspondence

8003170130 Responds to DJ Brown inquiry concerning cancellation of 791212-13 meeting re status of facility geologic & seismic investigations Meeting cancelled, due to util need to obtain addl info for license amend proceeding  
DIRCKS, W J Office of the Executive Director for Operations 80/02/19 2pp

8003250192 Forwards DJ Brown 791206 ltr requesting explanation of cancellation of insp to assure compliance w/seismic stds Requests response  
CRANSTON, A Senate 80/02/21 2pp

## DOCKET 50-134 WORCESTER POLYTECH INST RESEARCH REACTOR

## Q Inspection reports, IE Bulletins &amp; correspondence

8003250259 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-142 UCLA TRAINING REACTOR

## F Security, medical, emergency &amp; fire protection plans

8003180279 Forwards physical security plan Plan withheld (ref 10CFR2 790)  
WEGST, W E California, Univ of, Los Angeles 80/03/10 1p

## P Operating license stage documents &amp; correspondence

8003270058 Forwards QA program  
O'NEILL, R R, WEGST, W California, Univ of, Los Angeles 80/01/28 1p

--8003270063 QA program  
HOBSON, J W California, Univ of, Los Angeles 80/01/28 8pp

8003050463 Forwards application for renewal of License R-71  
WEGST, W F California, Univ of, Los Angeles 80/02/28 1p

--8003050468 Application for renewal of License R-71  
\* California, Univ of, Los Angeles 80/02/28 250pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003170026 Forwards IE Insp Repts 50-142/B0-01 & 70-0223/B0-01 on 800211 & 12 No noncompliance noted Insp rept withheld (ref 10CFR2 790)  
NORDERHAUG, L R Region 5, San Francisco, Safeguards Branch 80/02/26 2pp

# DOCKETED ITEMS

19

## S Reportable occurrences, LERs & related correspondence

8003050439 Forwards suppl to 791226 ltr re 791219 AD Encl: minutes of 800109 radiation use committee; contains actions & recommendations to correct deficiency of preliminary rept O'NEILL, R R ; WEOST, W California, Univ of, Los Angeles 80/01/11 3pp

## DOCKET 50-148 UNIV OF KANSAS RESEARCH REACTOR

### P Operating license stage documents & correspondence

8003120366 Forwards Tech Specs, emergency preparedness plan, EIA & financial liability statement re application to renew license MESLER, R B Kansas, Univ of 80/03/04 1p

--8003120376 Tech Specs 1 0-7 0 for nuclear reactor facility License R-78 \* Kansas, Univ of 80/03/31 31pp

--8003120383 Emergency preparedness plan \* Kansas, Univ of 80/02/29 46pp

--8003120391 EIA supporting renewal of facility License R-78 Financial liability statement encl \* Kansas, Univ of, 80/03/31 13pp

--8003120408 Forwards statement of financial considerations supporting renewal of License R-78 Ltr certifies that future budgets for School of Engineering will include support level indicated under Section 2 W/o encl KRAFT, D C Kansas, Univ of 80/03/04 1p

## G Inspection reports, IE Bulletins & correspondence

8003110403 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required KEPRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 50-150 OHIO STATE UNIV RESEARCH REACTOR

### G Inspection reports, IE Bulletins & correspondence

8003120095 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required. KEPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

## DOCKET 50-151 UNIV OF ILLINOIS RESEARCH REACTOR

### G Inspection reports, IE Bulletins & correspondence

8003120104 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

## R Periodic operating reports & related correspondence

8003050462 Forwards "Annual Operating Rept, 1979 " BECK, G P ; CHILTON, A B Illinois, Univ of, Urbana-Champaign 80/02/29 1p

--8003050466 "Annual Operating Rept, 1979 " \* Illinois, Univ of, Urbana-Champaign. 80/02/29. 6pp.

## DOCKET 50-155 BIG ROCK POINT NUCLEAR PLANT

### F Security, medical, emergency & fire protection plans

8003170165 Forwards Revision 55 to upgraded site emergency plan, Vol 9 Plan implementation expected 800801. FIELDS, H Consumers Power Co, 80/03/11, 1p.

--8003170167 Revision 55 to upgraded site emergency plan, Vol 9. \* Consumers Power Co. 80/03/05, 160pp.

## D Adjudicatory correspondence

8003130119 Forwards licensee response to interrogatories 2-1 through 2-13 & 2-15 through 2-17 re proposed spent fuel pool expansion GALLO, J Consumers Power Co 80/02/20 1p

--8003130129 Response to Interrogatories 2-1 through 2-13 & 2-15 through 2-17 Provides documents & studies re spent fuel pool expansion Affidavits of CL Larsen & CE Axtell & Certificate of Svc encl \* Consumers Power Co 80/02/20 162pp

8003120794 Forwards confirmatory order confirming util 800205 commitment re recirculation pump trip installation prior to operation DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 2pp

--8003120798 Confirmatory order directing licensee to install recirculation pump trip or place facility in cold shutdown EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

8003030161 Forwards CPC 800222 responses to Christa-Maria et al Interrogatories 2-14, 7-1 through 7-11 & deferred portion of 2-10 GALLO, J Isham, Lincoln & Beale 80/02/22 2pp

--8003030167 Response to Christa-Maria et al Interrogatories 2-14, 7-1 through 7-11 & deferred portion of 2-10 Includes info re radioactive matl in spent fuel particulate W/affidavits, prof qualifications, Certificate of Svc & supporting documents GALLO, J Consumers Power Co 80/02/22 70pp

--8003030174 BRP procedure approval & authorization T90-08 re spent fuel pool liner Supporting documentation encl SONNENBERG, E F Consumers Power Co 80/08/08 9pp

8003140066 Order granting Christa-Maria motion for relief from 20-copy requirement Single copies shall be served on each party & ABLB & two copies on Secretary of Commission GROSSMAN, H Atomic Safety and Licensing Board Panel 80/02/25 1p

8003200227 Forwards util responses to intervenor Christa-Maria Interrogatories 9-16 through 9-21 Remaining interrogatory responses will be furnished as soon as possible GALLO, J Isham, Lincoln & Beale 80/02/26 2pp

--8003200235 Responds to intervenor Christa-Maria Interrogatories 9-16 through 9-21 Discusses potential problems associated w/spent fuel pool \* Consumers Power Co 80/02/26 22pp

--8003200246 Forwards results of Bechtel study of postulated cask drop accident Indicates that cask dropped into spent fuel pool caused leak greater than makeup capacity of backup sys Detailed mods to equipment & procedures necessary SEWELL, R B Consumers Power Co 74/07/01 77pp

--8003200251 Notifies that proposed mods & procedural changes will adequately minimize probability & potential consequences of cask drop accident Util will place energy absorbing impact pad in spent fuel pool Safety evaluation encl QDLER, K R Division of Operating Reactors 76/02/06 3pp

--8003200253 Safety evaluation supporting acceptance of cask drop accident analysis \* Office of Nuclear Reactor Regulation 76/02/06 4pp

--8003200258 Notifies that completion of cask drop equipment mods at present time is undesirable & unnecessary Cost estimates for equipment mods are significantly higher than anticipated Spent fuel casks will not be used for several yrs SEWELL, R B Consumers Power Co 76/11/08 5pp

8003090301 Response to ABLB 800117 question Cost-benefit analysis need not be considered when effect on human environ is insignificant, NEPA does not require analysis of alternatives ABLB lacks jurisdiction W/Certificate of Svc MOORE, J E Hearing Branch 2 80/03/03 21pp.

8003270263 Brief re need for power issue Consideration of issue by ABLB not required if environ impacts of proposed amend are negligible & if unresolved conflicts re commitment available resources are absent, Certificate of Svc encl GALLO, J, STEPTOE, P Consumers Power Co. GALLO, J Isham, Lincoln & Beale 80/03/03 22pp

## DOCKETED ITEMS

8003289606 Response to ASLB question re NEPA requirement to consider need for power. Consideration of issue essential per case law requiring decisionmakers to develop alternatives involving unresolved conflicts. Certificate of Svc encl  
SHELDON, K P Christa-Maria 80/03/03 9pp

8003260229 Order accepting late-filed J O'Neill & J Leithausen briefs re need for power issue in spent fuel pool expansion proceedings  
GRDSBMAN, H Atomic Safety and Licensing Board Panel 80/03/19 1p

8003310123 Forwards util responses to Interrogatories 9-22 through 9-30, 9-38, 9-42 & supporting documents (NUS Corp engineering studies) Proprietary matl used in part to answer Interrogatory 9-29 has been deleted  
GALLO, J Isham, Lincoln & Beale 80/03/21 2pp

--8003310126 Response to Interrogatories 9-22 through 9-30 9-38 & 9-42 Includes NUS Corp analyses of spent fuel racks Proprietary matl used in part to answer Interrogatory 9-29 has been deleted Certificate of Svc encl  
GALLO, J Consumers Power Co GALLO, J Isham, Lincoln & Beale 80/03/21 53Bpp

#### H General correspondence

8003240094 Informs that DOE should be able to provide info re research contract  
BARTH, C A Hearing Branch 3 80/03/05 1p

#### I Financial information

8003120341 Forwards "Annual Rept to Shareholders, 1979"  
PERRY, P A Consumers Power Co 80/03/07 45pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003070278 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 90 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003070289 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 30 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003200155 Requests that util perform review of environ qualification of safety-related electrical equipment against encl guidelines Also requests that util attend 800221 meeting in Bethesda, MD re qualification review process  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/15 40pp

8003240101 Approves licensee request for withholding (ref 10CFR2 790) Drawing 514BM2001 which provides addl info re proposed expansion of spent fuel storage capacity  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/19 3pp

8003280281 Requests util provide supplemental info re 790624 application for expansion of spent fuel pool to addresses on encl list ASLB & intervenors should be kept informed on application matters  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/21 3pp

8003110226 Reissues 800225 ltr which forwarded Tech Spec change request revising LOCA analysis operating limits Original transmittal incomplete due to omission of date line for notary sworn statement in Tech Spec change request  
HOFFMAN, D P Consumers Power Co 80/02/28 3pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LIECIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003190479 Discusses single failure analysis of containment purge sys & proposed mods to sys Util redesigned electrical control schemes for containment ventilation supply & exhaust isolation valves  
HOFFMAN, D P Consumers Power Co 80/03/14 2pp

8003190534 Forwards response to NRC 800228-29 site visit request for addl info re util response to requirements of NUREG-0578 Based on util evaluation of ongoing valve testing programs, EPRI program appears most appropriate  
HOFFMAN, D P Consumers Power Co 80/03/14 68pp

8003240351 Responds to NRC 800223 ltr re LWR primary coolant sys pressure isolation valves Describes valve configuration  
HOFFMAN, D P Consumers Power Co 80/03/21 5pp

#### Q Inspection reports, IE Bulletins & correspondence

8003190141 Responds to IE Bulletin 79-28, "Possible Malfunction of Namco EA180 Limit Switches at Elevated Temps" Namco EA180 switches, dtd code 790202-790824, not used in safety or nonsafety-related circuits at facility  
LINDER, F Dairyland Power Cooperative 79/12/17 1p

8003140424 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190022 Forwards IF Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120169 Forwards IE Circular 80-02 "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140213 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type EI, Two-Inch Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110117 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190335 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110176 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003310400 Forwards IE Insp Rept 50-155/80-01 on 800108-11 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/14 2pp

--8003310409 IE Insp Rept 50-155/80-01 on 800108-11 No noncompliance noted Major areas inspected onsite QA program changes, procedure sys, LER followup actions, IE bulletins & circulars & open insp items  
RIDGWAY, K R, WRIGHT, G C, BAKER, K R Region 3, Chicago, Office of the Director 80/02/08 8pp

8003060753 Ack receipt of 800123 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-155/79-14  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/25 1p

--8003060763 Responds to NRC 791220 ltr re violations noted in IE Insp Rept 50-155/79-14 Corrective actions piping ignored in seismic analysis now being analyzed as part of SEP seismic topic Justifies formula for SNC relief valve analysis  
HOFFMAN, D P Consumers Power Co 80/01/23 4pp

8003120684 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

# DOCKETED ITEMS

21

8003120355 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140325 Forwards supplemental info to IE Bulletin 79-018, "Environ Qualification of Class IE Equipment " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180236 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260182 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260060 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260493 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260413 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250094 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260248 Forwards IE Circular 80-04, "Securing of Treaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003250554 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Existing facility procedures & sys are adequate to deal w/loss of instrumentation & control sys loads  
HOFFMAN, D P Consumers Power Co 80/03/19 3pp

## R Periodic operating reports & related correspondence

8003050426 Forwards "Annual Operating Rept, Occupational Exposure, 1979 "   
HOFFMAN, D P Consumers Power Co 80/02/29 1p

--8003050430 "Annual Operating Rept, Occupational Exposure, " 1979  
\* Consumers Power Co 80/02/29 27pp

8003050514 Forwards "Semiannual Radioactive Effluent & Environ Monitoring Rept, Jul-Dec 1979 "   
HOFFMAN, D P Consumers Power Co 80/02/29 1p

--8003050516 "Semiannual Radioactive Effluent & Environ Monitoring Rept, Jul-Dec 1979 "   
\* Consumers Power Co. 80/02/29 9pp

## S Reportable occurrences, LERs & related correspondence

8003250454 Forwards LER 80-007/03L-0  
HOFFMAN, D P Consumers Power Co 80/03/19 1p

--8003250460 LER 80-007/03L-0 on 800224, during routine operation, excess vibration was noted on control rod drive pump 2. Caused by worn suction poppet valves on pump & damage to pump piping hangers from vibration Valves replaced & hangers repaired  
\* Consumers Power Co. 80/03/19 1p

## DOCKET 80-156 UNIV OF WISCONSIN RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

8003190068 Forwards IE Insp Rept 80-156/79-04 on 791204 & 05 No noncompliance noted Rept withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/01/16 2pp

--8003190071 IE Insp Rept 80-156/79-04 on 791204 & 05 No noncompliance noted Major areas inspected approved security plan & implementation Insp rept withheld (ref 10CFR2 790)  
SCHAPER, J, SCHWAN, O Region 3, Chicago, Office of the Director  
HIND, J A Region 3, Chicago, Safeguards Branch 80/01/14 1p

8003120113 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

## DOCKET 80-157 CORNELL UNIV RESEARCH REACTOR

P Operating license stage documents & correspondence

8003260595 Submits rept re activities under Licenses R-80 & A-89 for period Jul 1978-June 1979  
ADERHOLD, H C Cornell Univ 80/03/20 1p

Q Inspection reports, IE Bulletins & correspondence

8003250244 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 80-160 GEORGIA INST OF TECH RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

8003110471 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

## DOCKET 80-166 UNIV OF MARYLAND RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

8003250257 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 80-170 NATIONAL NAVAL MEDICAL CENTER

Q Inspection reports, IE Bulletins & correspondence

8003250193 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required.  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003280457 Forwards RQ re illumination of scram indicators on reactor control console  
TYLER, P E Defense, Dept of, Defense Nuclear Agency 80/03/25 2pp

--8003280458 RQ on 800315, scram indicators on reactor control console were illuminated, indicating power failure or outage of console Caused by damaged operational amplifier Circuit board replaced Relay, requiring manual reset, installed  
\* Defense, Dept. of, Defense Nuclear Agency 80/03/25 1p



## DOCKETED ITEMS

## DOCKET 50-171 PEACH BOTTOM ATOMIC POWER STATION, UNIT 1

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060585 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET 50-182 PURDUE UNIV RESEARCH REACTOR

## F Security, medical, emergency &amp; fire protection plans

8003250412 Forwards revised security plan Plan withheld (ref 10CFR2 790)  
STANSBERRY, E R Purdue Univ 80/03/19 1p

## Q Inspection reports, IE Bulletins &amp; correspondence

8003120099 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/01 1p

## DOCKET 50-184 NATIONAL BUREAU OF STANDARDS REACTOR

## P Operating license stage documents &amp; correspondence

8003280242 Application to change Tech Specs section 6.3 for License TR-5, deleting alloy from test describing const of fuel plates & enabling use of dispersion fabrication methods Discussion encl  
CARTER, R S Commerce, Dept of, National Bureau of Standards 80/03/24 4pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003250195 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-185 PLUM BROOK REACTOR - MOCK-UP

## P Operating license stage documents &amp; correspondence

8003240412 Requests issuance of dismantling order & termination of License R-93 Forwards dismantling plan & environ rept  
BENEDICT, D E National Aeronautics & Space Admin 80/03/17 3pp

--8003240416 Dismantling plan for facility  
\* National Aeronautics & Space Admin 80/08/29 113pp

--8003240419 Environ rept for facility  
\* National Aeronautics & Space Admin 80/02/29 100pp

## R Periodic operating reports &amp; related correspondence

8003050377 Forwards "Rept of Reactor Standby Condition, 1979"  
RICHEY, E A National Aeronautics & Space Admin 80/02/22 1p

--8003050381 "Rept of Reactor Standby Condition, 1979"  
\* National Aeronautics & Space Admin 80/02/20 2pp

## DOCKET 50-186 UNIV OF MISSOURI RESEARCH REACTOR

## P Operating license stage documents &amp; correspondence

8003140110 Denies 790712 request for approval of spent fuel shipping routes from Columbia, MO to DDE Savannah, GA power plant Primary route passes through high population areas Routes withheld (ref 10CFR2 790)  
MCCORMACK, G W Physical Security Licensing Branch 79/08/10 2pp

8003180096 Forwards request for route approval for fuel shipment between Columbia, MO & Savannah River Plant, SC W/o encl  
MCINTYRE, D Missouri, Univ of, Columbia 79/08/30 1p

## Q Inspection reports, IE Bulletins &amp; correspondence

8003120112 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/01 1p

8003280108 Forwards IE Insp Rept 50-186/80-01 on 800115-17 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/14 2pp

--8003280111 IE Insp Rept 50-186/80-01 on 800115-17 No noncompliance noted Major areas inspected maint, surveillance, audit & review, experiments & event rept followup  
BAKER, K R, BROWN, C H Region 3, Chicago, Office of the Director 80/02/11 3pp

## DOCKET 50-188 KANSAS STATE UNIV RESEARCH REACTOR

## Q Inspection reports, IE Bulletins &amp; correspondence

8003110398 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 50-192 UNIV OF TEXAS RESEARCH REACTOR

## Q Inspection reports, IE Bulletins &amp; correspondence

8003110409 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 50-193 RHODE ISLAND &amp; PROVIDENCE PLANTATIONS AEC

## Q Inspection reports, IE Bulletins &amp; correspondence

8003250368 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-199 MANHATTAN COLLEGE RESEARCH REACTOR

## Q Inspection reports, IE Bulletins &amp; correspondence

8003250246 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-201 WEST VALLEY REPROCESSING PLANT

## F Security, medical, emergency &amp; fire protection plans

8003040317 Forwards Revision 6 to Facility physical protection plan Plan withheld (ref 10CFR2 790)  
CLARK, J R Nuclear Fuel Services, Inc (subs of Getty Oil Co) 79/11/02 1p

## H General correspondence

8003050041 Provides notification of organizational change at facility JP Duckworth appointed general manager & plant manager P Burn appointed technical svcs manager P Burn resume encl  
CLARK, J R Nuclear Fuel Services, Inc (subs of Getty Oil Co) 79/08/31 2pp

8003310213 Requests address of "Bulletin of Atomic Scientists" & documents re NRC response to Kemeny Rept  
STULL, P Affiliation Unknown 80/02/12 1p

8003200054 Forwards NRC safety evaluation of defective pan in high level liquid waste storage sys in response to 800225 telcon W/o encl  
HAUGHNEY, C J Advanced Fuel & Spent Fuel Licensing Branch 80/02/28 1p

# DOCKETED ITEMS

23

8003280478 Responds to 800204 request for address of Bulletin of Atomic Scientists & info re attitudinal changes resulting from AEC conversion to NRC Submits address NRC employees constitute broad spectrum of differing expertise & outlooks  
HAUGHNEY, C J Advanced Fuel & Spent Fuel Licensing Branch  
80/02/29 3pp

## O Advisory Committee on Reactor Safeguards reports & correspondence

8003070214 Forwards summaries of repts re West Valley facility & copy of each rept w/o repts  
STAMPELOS, J ACRS - Advisory Committee on Reactor Safeguards  
79/09/07 6pp

## P Operating license stage documents & correspondence

8003240288 "Properties of Calcines"  
VAUGHAN, R C Coalition on West Valley Nuclear Wastes 79/05/31  
10pp

8003130502 Ack receipt of NRC 791220 ltr forwarding rept on ability of facility to withstand earthquake shock  
CLEMENTE, C J New York, State of 80/01/08 1p

## Q Inspection reports, IF Bulletins & correspondence

8003170032 Forwards IF Insp Rept 50-201/79-05 on 791119-20 No noncompliance noted Insp rept details withheld (ref 10CFR2 790)  
MARTIN, W G Region I, Philadelphia, Office of the Director  
80/01/17 2pp

--8003170043 IE Insp Rept 50-201/79-05 on 791119-20 No noncompliance noted Major areas inspected organization, operation measurement & controls, shipping & receiving storage & internal controls Details withheld (ref 10CFR2 790)  
HOLODY, D J Region I, Philadelphia, Office of the Director  
JODYNER, J H Region I, Philadelphia, Safeguards Branch 80/01/10 1p

8003250221 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/14 1p

## R Periodic operating reports & related correspondence

8003130183 Forwards "Environ Rept 26, Jan-June 1979"  
DUCKWORTH, J P Nuclear Fuel Services, Inc (subs of Getty Oil Co)  
79/08/30 1p

--8003130160 "Environ Rept 26, Jan-June 1979"  
WILCOX, D P, SMOKOWSKI, R T Nuclear Fuel Services, Inc (subs of Getty Oil Co) 79/08/30 21pp

8003060541 Forwards discharge monitoring rept for Aug 1979  
DUCKWORTH, J P Nuclear Fuel Services, Inc (subs of Getty Oil Co)  
79/09/07 6pp

## DOCKET 50-206 SAN ONOFRE NUCLEAR STATION, UNIT 1

### F Security, medical, emergency & fire protection plans

8003030484 Advises that response to NRC 791211 request for addl info re safeguards contingency plan review has been rescheduled from 800225 to 800401  
HAYNES, J G Southern California Edison Co 80/02/25 2pp

8003120430 Informs NRC that in situ testing of fire detection sys will be deferred until acceptable method is developed to ensure that station will not be adversely affected Util will proceed w/inplace sensitivity & loop voltage tests  
BARKIN, K P Southern California Edison Co 80/03/06 1p

8003180539 Forwards Revision 1B of emergency operating procedure for LOCA, for use in connection w/NRC review of SEP Topic III-12, "Environ Qualification of Safety Related Equipment"  
HAYNES, J G Southern California Edison Co 80/03/14 1p

--8003180549 Emergency Operating Procedure S-3-5 5, Revision 1B for LOCA  
\* Southern California Edison Co 80/02/27 62pp

## Q Adjudicatory correspondence

8003130134 Responds to IE Bulletin 79-02, Revision 2, re min safety factors, anchor bolt preload & actions completion dates  
Program under way to determine effects of preload on ultimate capacity of anchor bolts under dynamic loading  
HEAD, J T Southern California Edison Co 79/12/07 3pp

8003280309 Forwards listing of addl petitions received from CA residents re facility seismic conditions  
SMITH, H Operating Reactors Branch 2 80/02/21 9pp

## H General correspondence

8003250387 Responds to encl 790418 ltr to President Carter expressing concern for safety of nuclear power plants Discusses NRC regulations to prevent recurrence of TMI-type accident  
Facility OL amended to improve fire protection  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 4pp

## P Operating license stage documents & correspondence

8003120314 Requests route approval for spent fuel shipments to Storage facility in Morris, IL Encl withheld (ref 10CFR2 790)  
SEAMAN, W H Southern California Edison Co 79/09/10 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWER, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

--8003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of 80/01/07 1p

8003170033 Responds to 800117 & 22 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by 800515 Acceptability of Category A implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170036 Responds to 800122 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by 800211 Acceptability of Category A implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170048 Responds to 800116 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by May 1980 Acceptability of Category A requirement implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170053 Denies request for shutdown extension until 800315 to complete Category A requirements w/available equipment  
Resopening of containment isolation valves until further mods completed acceptable  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 3pp

8003070324 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 30 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003130213 Requests refs to docketed info re listed SEP topics for NRC review in response to 800117 meeting Info due within 90 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003200150 Requests that util perform review of environ qualification of safety-related electrical equipment against encl guidelines. Also requests that util attend 800221 meeting in Bethesda, MD re qualification review process  
ZIEMANN, D L Operating Reactors Branch 2 80/02/15 40pp.

## DOCKETED ITEMS

8003240332 Forwards "Safety Analysis of Interim Actions Taken to Eliminate Feedwater Piping Cracks." Repair program, nondestructive insps & leakage tests adequate until further recommendations evaluated  
ZIEHANN, D L Operating Reactors Branch 2 80/02/26 6pp

8003240080 Forwards revised pages to "Spent Fuel Route Survey" Pages withheld (ref 10CFR2 790)  
MCCORMACK, G W Physical Security Licensing Branch 80/02/28 1p

8003110542 Advises that vent valves CV10 & CV116 were modified to 50 degrees during recent shutdown per NRC interim position. Testing indicated openings of 53.5 degrees for CV10 & 43 degrees for CV116. Remodification of CV10 not warranted.  
HAYNES, J G Southern California Edison Co 80/02/29 1p

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003180614 Forwards comments on draft "Seismic Design Bases & Criteria for Facility SEP, Aug 1979." Majority of rept reiterates until 770429 submittal in different & more disjointed format.  
HAYNES, J G Southern California Edison Co 80/03/11 14pp

8003210491 Forwards response to NRC 800223 request for info re isolation of high pressure primary coolant sys from LPIB piping. No Event 5 isolation valve configurations exist at facility.  
HAYNES, J G Southern California Edison Co 80/03/14 3pp

8003200642 Responds to NRC 800223 request for info re turbine disc integrity in operating Westinghouse nuclear low pressure turbines. Application for withholding & nonproprietary version encl. Proprietary version withheld (ref 10CFR2 790).  
BASKIN, K P Southern California Edison Co 80/03/18 52pp

8003260640 Forwards action plan re anchorage & support of safety-related electrical equipment, in response to NRC 800101 request. Potential safety concern re nonseismic Category I ancillary items will be resolved by util insp team w/o encl.  
BASKIN, K P Southern California Edison Co 80/03/18 1p

8003280456 Forwards addl info for implementation of TMI short-term Lessons Learned Task Force requirements. Describes mods to backup nitrogen pneumatic supply & valve position. Indication Drawing available in Central Files only.  
HAYNES, J G Southern California Edison Co 80/03/25 22pp

#### G Inspection reports, IE Bulletins & correspondence

8003100047 Responds to IE Bulletin 79-17, "Pipe Cracks in Stagnant Borewater Sys at PWR Plants." Nearly 700 welds examined by ultrasonic methods & 336 by liquid penetrant. Welds not inspected inaccessible due to radiation levels.  
HEAD, J T Southern California Edison Co 79/11/21 3pp

8003120182 Forwards IE Insp Rept 50-206/80-01 on 800107-11 & notice of violation Encls withheld (ref 10CFR2 790).  
NORDERHAUG, L R Region 5, San Francisco, Office of the Director 80/02/12 2pp

8003050109 Ack receipt of 800207 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-206/79-17.  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/02/20 1p

--8003050117 Responds to NRC 800121 ltr re violations noted in IE Insp Rept 50-206/79-17. Corrective actions rept written to NRC including completed copy of LER 79-025, concerning Loop C temp avg failure.  
PAPAY, T Southern California Edison Co 80/02/07 4pp

--8003050119 Forwards IE Insp Rept 50-206/79-17 on 791210-13 & notice of violation.  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/21 2pp

on from insp on 791210-13  
Office of the Director 80/01/18 1p

7-17 on 791210-13 Noncompliance noted  
of operation  
Region 5, San Francisco, Office of the  
Director 80/01/18 8pp

8003280486 Forwards site-specific general questions & generic questions re turbine discs discussed in IE Info Notice 79-37. Probability of cracking in low pressure turbine discs is greater than previously assumed by Westinghouse.  
EISENHUT, D G Division of Operating Reactors 80/02/25 6pp

8003120605 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/27 1p

8003120279 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/27 1p

8003180223 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/06 1p

8003180612 Responds to IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells." No potential for loss of charcoal incidental to handling, storage or use exists in control room emergency air treatment sys.  
OTTOSON, H L Southern California Edison Co 80/03/06 3pp

8003260033 Responds to unresolved issue in IE Insp Rept 50-206/80-01 from 800107-11 physical protection insp. Licensee fulfills responsibility to maintain current authorization lists for employees requiring frequent access.  
NORDERHAUG, L R Region 5, San Francisco, Safeguards Branch 80/03/06 1p

8003140379 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180020 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180115 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response requested.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180627 Advises NRC of delay in responding to Item 4 of 791227 ltr as part of response to IE Bulletin 79-27 Submittal rescheduled from 800228 to 800701.  
HAYNES, J G Southern California Edison Co 80/03/07 1p

8003260372 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260388 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250159 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260351 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003280430 Ack receipt of 800206 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-206/79-01.  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/03/18 1p

--8003280433 Responds to NRC 800116 ltr re violations noted in IE Insp Rept 50-206/79-01. Corrective actions Station Order S-A-109 being revised to meet Tech Spec 5.8 requirements re format & content of procedures.  
PAPAY, T Southern California Edison Co 80/02/06 11pp

# DOCKETED ITEMS

25

--8003280437 Forwards IE Insp Rept 80-206/79-01 on 790205-16, notice of violation & notice of deviation  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/16 2pp

--8003280438 Notice of violation from insp on 790205-16  
\* Office of Inspection & Enforcement, Office of the Director 79/12/19 4pp

--8003280441 Notice of deviation from insp on 790205-16  
\* Office of Inspection & Enforcement, Office of the Director 79/12/21 1p

--8003280445 IE Insp Rept 80-206/79-01 on 790205-16 Noncompliance noted failure to issue procedures, failure of offsite committee to perform required audits & failure to issue corrective action request  
GAGLIARDI, J E, HUNTER, D R, MARTIN, T T Office of Inspection & Enforcement, Office of the Director 79/12/21 70pp

## R Periodic operating reports & related correspondence

8003040258 Forwards "Semiannual Operating Rept Number 25, Jul-Dec 1979"  
OTTOSON, H L Southern California Edison Co 80/02/22 1p

--8003040265 "Semiannual Operating Rept Number 25, Jul-Dec 1979"  
\* Southern California Edison Co \* San Diego Gas & Electric Co 79/12/31 7pp

8003180386 Forwards monthly operating rept for Feb 1980  
CURRAN, J M Southern California Edison Co 80/03/07 1p

--8003180388 Monthly operating rept for Feb 1980  
WATTS, N P Southern California Edison Co 80/03/07 4pp

## S Reportable occurrences, LERs & related correspondence

8003040642 Forwards LER 80-005/01T-0  
OTTOSON, H L Southern California Edison Co 80/02/29 2pp

--8003040652 LER 80-005/01T-0 on 800218, during operation on one condenser half, seaweed partially blocked flow of inservice condenser, causing differential temp to exceed GBF limit Heavy storms caused increased seaweed inflow Power temporarily reduced  
CURRAN, J M Southern California Edison Co 80/02/28 1p

8003280476 Forwards LER 80-007/03L-0  
OTTOSON, H L Southern California Edison Co 80/03/20 2pp

--8003280480 LER 80-007/03L-0 on 800224, during full power operation, through-wall linear indication downstream of charging pump miniflow pressure reducing orifices was observed Possibly caused by pressure reducing wall thickness from cavitation  
CURRAN, J M Southern California Edison Co 80/03/20 1p

8003280421 Forwards LER 80-006/01T-0  
OTTOSON, H L Southern California Edison Co 80/03/24 3pp

--8003280427 LER 80-006/01T-0 on 800310, during normal operation, south saltwater cooling pump discharge pressure dropped sharply, north saltwater pump started, but discharge PDV failed to open Caused by vibration that sheared south pump  
CURRAN, J M Southern California Edison Co 80/03/24 1p

## DOCKET 50-208 COLUMBIA UNIV RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003040103 Advises of nonreceipt of response to IE Bulletin 79-19, "Packaging of Low-Level Radwaste for Transport & Burial"  
Forwards IE Bulletin 79-19 Requests prompt reply  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/28 1p

8003250242 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection"  
By "No action or written response required"  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-209 INDONESIA RESEARCH REACTOR

### P Operating license stage documents & correspondence

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

## DOCKET 50-213 HADDAM NECK PLANT

### F Security, medical, emergency & fire protection plans

8003170366 Lists mod items which required addl info at time of SER issuance All items satisfactory  
MACDOUGALL, E A Brookhaven National Laboratory 79/08/08 1p

8003170342 Advises that Item 3 2 3 of cable fire penetration test data safety evaluation has been evaluated & found acceptable  
MACDOUGALL, E A Brookhaven National Laboratory 79/09/10 1p

8003170348 Discusses fire protection review, Item 3 1 18 re reactor coolant pump oil collection sys Licensee 791009 proposal should be accepted  
MACDOUGALL, E A Brookhaven National Laboratory 79/12/19 1p

8003170293 Forwards fire protection design review for Item 3 1 4(5) re hose stations  
HALL, R E Brookhaven National Laboratory 79/12/20 2pp

8003170358 Forwards recommendations for fire protection design review, Items 3 1 5 & 3 1 2, re water suppression sys & fire water supply, respectively Items should be accepted  
HALL, R E Brookhaven National Laboratory 79/12/20 2pp

8003060533 Notifies that util installation of 4-inch feed from yard loop to turbine bldg ring header does not satisfy commitment to upgrade fire protection suppression sys Feed does not provide adequate water capacity  
LAINAS, G Plant Systems Branch 80/02/04 2pp

8003280284 Forwards evaluation results of fire protection program review Includes evaluation of complete issues, issues needing addl info & unacceptable issues Requests info & commitments within 30 days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/22 8pp

8003280483 Informs that alternate approach to fire protection Item 3 1 16 re flame retardant coatings for cable vault & containment penetration areas is acceptable Forwards review results  
ZIEHANN, D L Operating Reactors Branch 2 80/02/22 4pp

800310496 Forwards corrected dose curves in App B, Tables 1a, 2a & 3a for 791228 updated emergency plan  
COUNBIL, W O Connecticut Yankee Atomic Power Co 80/03/04 2pp

--8003110505 Corrected dose curves in App B, Tables 1a, 2a & 3a re updated emergency plan  
\* Connecticut Yankee Atomic Power Co 80/03/04 3pp

8003270208 Notification of 800401-03 meeting w/util & local officials at site to discuss emergency planning guidelines  
CONNOR, E L Operating Reactors Branch 4 80/03/11 4pp

8003280038 Requests util revise 791120 safeguards contingency plan within 30 days according to encl comments Encl withheld (ref 10CFR2 790)  
ZIEHANN, D L Operating Reactors Branch 2 80/03/11 2pp

## H General correspondence

8003060123 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume duty station by 800331. All resident inspectors will be onsite by 800607  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

## J Insurance & indemnity information

8003270333 Forwards Endorsement 64 to NELA Policy NF-151  
IFFLAND, R R Northeast Utilities 80/03/21 2pp

## DOCKETED ITEMS

## P Operating license stage documents &amp; correspondence

8003070204 Comments on proposed rules 10CFR30.40, 50 & 70 draft  
"Accounting Alternatives for Nuclear Decommissions"  
\* Northeast Utilities Service Co 79/04/30 3pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30  
106pp

8003170033 Responds to 800117 & 22 documentation re NRC 800102 show  
cause order, indicating equipment necessary to complete  
Category A items will be delivered by 800515 Acceptability  
of Category A implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170036 Responds to 800122 documentation re NRC 800102 show cause  
order, indicating equipment necessary to complete Category A  
items will be delivered by 800211 Acceptability of Category  
A implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170048 Responds to 800116 documentation re NRC 800102 show cause  
order, indicating equipment necessary to complete Category A  
items will be delivered by May 1980 Acceptability of  
Category A requirement implementation subj to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170053 Denies request for shutdown extension until 800315 to  
complete Category A requirements w/available equipment  
Reopening of containment isolation valves until further  
meds completed acceptable  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 3pp

8003060278 Discusses 800121 meeting w/util at site re safety impact  
assessment of near-term OL issues in NUREG-0660  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/02/12 1p

8003070284 Requests references to docketed info re SEP topics for NRC  
review in response to 800117 meeting info due within 30  
days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003070294 Requests references to docketed info re SEP topics for NRC  
review in response to 800117 meeting info due within 90  
days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003140202 Requests SEP licensees to perform safety-related equipment  
review against encl guidelines for evaluating environ  
qualification of Class IE electrical equipment Guidelines  
for identifying subj equipment encl  
ZIEHANN, D L Operating Reactors Branch 2 80/02/15 2pp

8003110557 Provides info re status of reactor containment electrical  
cable & penetration assembly qualifications New assemblies  
will be installed during 1980 refueling outage Penetration  
assembly conductors & cable will be installed  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/03 2pp

8003110455 Notifies of util plans to meet NRC requirement for  
installation of containment water level indication Util will  
deviate by not upgrading narrow range containment water  
level instrument to Reg Guide 1.89 requirements  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/06 3pp

8003140283 Submits info re possible breaker configurations which could  
parallel two site emergency buses (SEP Topic VI-7 C 1)  
Summary of connection paths, discussion of interlocks/  
procedures & drawings of auxiliary bus sys provided  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/06 4pp

8003170338 Forwards emergency procedures for facilities relevant to  
SEP Topic III-12, "Environ Qualification of Safety-Related  
Equipment"  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/11 1p.

--8003170344 Emergency operating procedures relevant to SEP Topic III-12,  
"Environ Qualification of Safety-Related Equipment."  
\* Connecticut Yankee Atomic Power Co 80/03/31 54pp

--8003170358 Emergency operating procedures relevant to SEP Topic III-12,  
"Environ Qualification of Safety-Related Equipment"  
\* Northeast Utilities 80/03/31 49pp

8003180348 Responds to request for info concerning SEP Topic III-12 re  
environ qualification of safety-related equipment Lists  
of relevant piping, instrument & equipment location drawings  
encl  
COUNSIL, W G Northeast Utilities 80/03/12 5pp

8003180595 Forwards lists of drawings for SEP Topic III-12 re piping,  
instrument & equipment locations in connection w/environ  
qualification of safety-related equipment  
COUNSIL, W G Northeast Utilities 80/03/12 5pp

8003120527 Forwards list of Haddam Neck safety-related electrical  
components for which positive anchorage will be provided  
during refueling outage, per NRC 800101 ltr Existing  
containment Category IE cable will be replaced  
COUNSIL, W G Northeast Utilities 80/03/14 3pp

8003260385 Submits evaluation of isolation valve configuration  
providing isolation for low pressure piping sys from RCS  
No Event 5 isolation valve configurations exist  
COUNSIL, W G, FEE, W F Northeast Utilities 80/03/18 6pp

8003270405 Responds to NRC 800223 ltr requesting info re testing of  
pressure isolation valves & voicing concern on intersystem  
LOCA No Event 5 isolation valve configurations exist at  
facilities  
COUNSIL, W G Northeast Utilities 80/03/18 6pp

8003280260 Forwards Westinghouse responses to NRC 800225 site-specific  
questions re possible crack development in discs of low  
pressure turbines Proprietary version withheld  
(ref 10CFR2 790)  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/20 45pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003060657 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
GRIER, B H Region I, Philadelphia, Office of the Director  
79/11/29 1p

8003280481 Forwards site-specific general questions & generic questions  
re turbine discs discussed in IE Info Notice 79-27  
Probability of cracking in low pressure turbine discs is  
greater than previously assumed by Westinghouse  
EISENHUT, D O Division of Operating Reactors 80/02/25 6pp

800314008/ Forwards IE Info Notice 80-06, "Notification of Significant  
Events" No action required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/02/27 1p

8003120449 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking" No response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/02/29 1p

8003270343 Responds to IE Bulletin 80-04 re analysis of PWR main steam  
line break w/continued feedwater addition Details of control  
grade automatic initiation of auxiliary feedwater scheme are  
being finalized Necessity of installation is questionable  
COUNSIL, W G Connecticut Yankee Atomic Power Co COUNSIL, W G  
Northeast Nuclear Energy Co (subs of Northeast Utilities)  
80/03/05 1p

8003180274 Forwards IE Circular 80-03, "Protection From Toxic Gas  
Hazards" No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/06 1p

8003180030 Forwards IE Info Notice 80-09, "Possible Occupational Health  
Hazard Associated w/Closed Cooling Sys for Operating Power  
Plants" No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

8003190243 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block" No specific action or response  
requested  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

# DOCKETED ITEMS

27

8003260265 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260383 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260119 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003290272 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260021 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## R Periodic operating reports & related correspondence

8003040203 "Semiannual Radioactive Effluent & Waste Disposal Rept, Jul-Dec 1979 "  
\* Connecticut Yankee Atomic Power Co 79/12/31 38pp

8003070389 Forwards "Annual Occupational Exposure Rept for 1979 "  
GRAVES, R H Connecticut Yankee Atomic Power Co 80/02/29 1p

--8003070391 "Annual Occupational Exposure Rept for 1979 "  
\* Connecticut Yankee Atomic Power Co 79/12/31 2pp

8003170257 Forwards monthly operating rept for Feb 1980  
GRAVES, R H Connecticut Yankee Atomic Power Co. 80/03/05 1p

--8003170260 Monthly operating rept for Feb 1980  
\* Connecticut Yankee Atomic Power Co 80/03/05 8pp.

8003260609 Forwards revision to 800227, "Semiannual Radioactive Effluent & Waste Disposal Rept for Jul-Dec 1979," to replace original table of contents, Pages 9 & 19  
GRAVES, R H Connecticut Yankee Atomic Power Co 80/03/18 1p

--8003260615 Revised "Semiannual Radioactive Effluent & Waste Disposal Rept for Jul-Dec 1979," table of contents, Pages 9 & 19.  
\* Connecticut Yankee Atomic Power Co 80/03/04 3pp

## B Reportable occurrences, LERs & related correspondence

8003180122 RO 80-01/1P on 800103, during operability verification test, svc water pumps 1A & 1B & containment air recirculation for F17-1 failed to meet test acceptance criteria Caused by faulty timers Timers replaced & readjusted  
GRAVES, R H Connecticut Yankee Atomic Power Co. 80/01/04 2pp

8003050414 RO 80-03/1P during review of emergency diesel generator leads, it was determined that in certain situations, diesels might go out on overload Preliminary calculations show existing procedures to be unacceptable  
GRAVES, R H Connecticut Yankee Atomic Power Co. 80/01/30 1p

8003060891 Forwards LER 80-005/03L-0  
GRAVES, R H Connecticut Yankee Atomic Power Co 80/02/29 1p.

--8003060594 LER 80-005/03L-0 on 800207, leak was discovered in B boron waste storage tank thermo syphon heater Caused by crack in lower head to pipe weld of heater. New lower head fabricated & installed  
TRA0010, R P Connecticut Yankee Atomic Power Co. 80/02/29 1p.

8003110458 Forwards RO 80-213/80-01  
GRAVES, R H. Connecticut Yankee Atomic Power Co 80/03/03. 1p

--8003110461 RO 80-213/80-01 on 800223, chlorine test analysis performed on discharge water revealed total chlorine concentration of 0.4 ppm, exceeding Tech Specs limit of 0.1 ppm. Caused by second hypochlorite injection pump being placed in svc  
\* Connecticut Yankee Atomic Power Co. 80/03/03. 1p.

8003310276 Forwards LER 80-007/03L-0  
GRAVES, R H Connecticut Yankee Atomic Power Co 80/03/25 1p

--8003310278 LER 80-007/03L-0 on 800227, discovered cracked drain line, allowing contaminated water into area where svc water line & steam generator blowdown line connect Caused by corrosion, erosion & lack of support Drain line sealed off  
TRA0010, R P Connecticut Yankee Atomic Power Co 80/03/25 2pp

8003310333 Forwards LER 80-008/03L-0  
GRAVES, R H Connecticut Yankee Atomic Power Co 80/03/25 1p

--8003310337 LER 80-008/03L-0 on 800226, main stack radiation monitoring sys failed low & declared inoperable Caused by bent edge connection on plug-in module. Local sampling & surveys taken Personnel instructed to use more care in maint  
TRA0010, R P Connecticut Yankee Atomic Power Co 80/03/25 1p

## DOCKET 80-219 OYSTER CREEK NUCLEAR POWER PLANT 4

F Security, medical, emergency & fire protection plans

8003140207 Forwards draft suppl to fire protection safety evaluation incomplete items identified in 780303 safety evaluation. Section 3, acceptably resolved, provided proposed mods implemented Item 3.2.5 to be addressed in further suppl  
LA1NAB, O Plant Systems Branch 80/01/31 2pp

--8003140211 Draft fire protection safety evaluation suppl  
\* Office of Nuclear Reactor Regulation 80/01/31 5pp

## G Adjudicatory correspondence

8003130069 Order dismissing proceeding due to absence of fuel damage evidence Safety evaluation showed no core damage Add'l Tech Specs requirements indicate plant operation may be safely resumed  
LAZD, R H Atomic Safety and Licensing Board Panel 80/02/22 4pp

8003270059 Memorandum advising that ASLB 800222 order dismissing proceeding re conversion to full-term OL is not final & will be reviewed by ASLB Composition of ASLB will be announced when determined  
TOMPKINS, B A Atomic Safety and Licensing Appeal Panel 80/03/20 1p.

## H General correspondence

8003060100 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume duty station by 800315 All resident inspectors will be onsite by 800607  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

8003290461 Response to 800125 ltr to Chairman Ahearne expressing concern re JCP&L financial condition NRC cannot set util rates NRC is actively monitoring JCP&L financial condition in connection w/THI-1 restart proceedings.  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 2pp

--8003250468 Opposes protracted & expensive study of JCP&L financial condition, w/followup hearings & court battles Study would block constructive activity for yrs Consumers will pay for delays Ltr dtd 800125 to NJ Ofc of Public Advocate encl  
OROVE, L J Affiliation Unknown 80/01/25 5pp

## J Insurance & indemnity information

8003030315 Forwards Endorsement S3 to MAELU Policy MF-44  
GERETY, H F General Public Utilities - GPU Service Corp 80/02/25 2pp.

## P. Operating license stage documents & correspondence

8003170317 Notifies that M Antonetti currently working on items re Indian Point 2 water supply & diesel generator protection, Indian Point 3 sprinkler sys, Oyster Creek sprinkler sys & cable spreading room & Trojan welding shield.  
MACDOUGALL, E A. Brookhaven National Laboratory 79/09/20. 1p.

8003170023 Submits info re advance route approval NUREG-0561, App 2-A used as guide Portions of document withheld (ref 10CFR2.790).  
\* Jersey Central Power & Light Co. \* General Public Utilities - GPU Service Corp. 79/09/21 1p.

## DOCKETED ITEMS

8003120301 Provides advance route info re 10CFR73 requirements for review & approval  
\* Jersey Central Power & Light Co 79/10/04, 1p

8003170028 Re-emphasizes basic commitment to implement portions of 10CFR50, App B program re NRC licensed shipping packages as required by 10CFR71.51 Operational QA plan dtd 780630  
Fulfills program review requirements  
FINFROCK, I R Jersey Central Power & Light Co FINFROCK, I R  
General Public Utilities - GPU Service Corp 79/10/23 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003140135 Responds to Operating Experience Memo 23 Submits Part 4 to Power Sys Branch position re optimization of voltage at safety buses by adjustment to transformer tap settings  
HATTSON, R J Division of Systems Safety 80/01/21 1p

--8003140138 Operating Experience Memo 23 re potential overvoltage condition at facility Describes potential overvoltage on 460 volt safety bus Recommends applicability of corrective actions be assessed for other facilities  
EISENHUT, D G Division of Operating Reactors 79/12/27 2pp

8003070325 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 30 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003070327 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 90 days  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 3pp

8003240337 Forwards SEP "Guidelines for Evaluating Environ Qualification of Class IE Electrical Equipment in Operating Reactors," re 800221 meeting w/SEP licensees in Bethesda, MD  
ZIEMANN, D L Operating Reactors Branch 2 80/02/15 4pp

8003140040 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140045 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140049 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140071 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140073 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003190677 Notification of cancellation of 800305 meeting w/util in Bethesda, MD to discuss core spray sparger cracks & repairs  
NOWICKI, B J Operating Reactors Branch 2 80/03/03, 1p.

8003110539 Forwards Tech Spec Change Request B1 incorporating new max average planar linear heat generation rate curve to Sections 2.1 A 1.3 10 & 4.10 of App A Class III fee encl  
FINFROCK, I R Jersey Central Power & Light Co 80/03/04 2pp

--8003110545 Tech Spec Change Request B1 incorporating new max average planar linear heat generation rate curve to Sections 2.1 A 1.3 10 & 4.10 of App A Certificate of Svc encl  
FINFROCK, I R Jersey Central Power & Light Co 80/03/04 7pp

--8003110548 Revised pages to Tech Specs incorporating new max average planar linear heat generation rate to Sections 2.1 A 1.3 10 & 4.10 of App A  
\* Jersey Central Power & Light Co 80/03/04 11pp

--8003110551 "LOCA-ECCS Analyses Supporting Four-Pump Operation"  
JENSEN, S E, VALENTINE, P J, KAYSER, W V Exxon Nuclear Co, Inc  
(subs of Exxon Corp) XN-NF-79-78 80/01/31 44pp

8003200327 Submits info for use in development of insp guidance for regional ofcs Administration of one quiz during B5 lecture hours divided into four one-week cycles does not meet intent of 10CFR55, App A Enforcement action indicated  
SKOVHOLT, D J Quality Assurance Branch 80/03/10 2pp

8003200386 Responds to NRC 800223 inquiry re existence of Event V isolation valve configurations within Class I boundary of high pressure piping sys Valve configurations are not as described in NRC ltr Core spray valve configuration encl  
FINFROCK, I R Jersey Central Power & Light Co 80/03/17 2pp

0 Inspection reports, IE Bulletins & correspondence

8003060659 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003050410 Responds to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply" Facility sys consists of five electromagnetic relief valves Bulletin does not apply  
ROSS, D A Jersey Central Power & Light Co 80/01/23 1p

8003260399 Forwards IE Mgt Meeting Rept 50-219/80-04 Meeting results beneficial in establishing ofc of resident reactor inspector at facility  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/01 1p

--8003260405 IE Mgt Meeting Rept 50-219/80-04 on 800116 at facility to discuss details re establishment of onsite ofc for resident inspector  
BRIGGS, L, MCOSCAR, J Region 1, Philadelphia, Office of the Director KEIMIG, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/31 2pp

8003140068 Responds to IE Bulletin 80-02 re reactor feedwater sparger & thermal sleeves mfg by Marvin Engineering Co Spargers & sleeves mfg by Lamco Industries, Inc & installed during 1977 refueling/maint outage  
ROSS, D A Jersey Central Power & Light Co 80/02/07 1p

8003170112 Discusses IE Insp Rept 50-219/79-18 on 791001-1108 & forwards notice of violation  
STELLD, V Office of Inspection & Enforcement, Office of the Director 80/02/20 3pp

--8003170115 Notice of violation from insp on 791001-1108 Noncompliance noted improper tagging procedure for electricals, three fire/hall doors found open on 791024, pipe support clamps improperly installed & failures to follow other procedures  
\* Office of Inspection & Enforcement, Office of the Director 80/02/20 6pp

8003210008 Forwards addl response to IE Bulletin 79-14, Revision 1, "Seismic Analysis for As-Built Safety-Related Piping Sys"  
Insp of normally inaccessible piping completed & nonconformances identified Provides schedule for mods  
ROSS, D A Jersey Central Power & Light Co 80/02/22 31pp

--8003210036 RO 50-219/80/10-1P on 800220, during verification of as-built conditions for pipe hangers, pipe hangers NP-2-R8A, NP-2-R8B & NP-2-R9 found improperly installed Restraint ND-1-R2 incorrectly designed Hangers reset  
HINRICHS, G Jersey Central Power & Light Co 80/02/21 2pp

8003140095 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120454 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

# DOCKETED ITEMS

29

8003280613 Ack receipt of 800225 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-219/79-23  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/03/05 1p

--8003280621 Responds to NRC 800205 ltr re violations noted in IE Insp Rept 50-219/79-23 Corrective actions free standing liquid drained from waste liners & vendor cask drawings received  
ROSS, D A Jersey Central Power & Light Co 80/02/25 7pp

--8003280626 Forwards IE Insp Rept 50-219/79-23 on 800104 & 791209-14 & 18-19 % notice of violation  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/05 2pp

--8003280638 Notice of violation from insp on 800104 & 791209-14 & 18-19 \* Region 1, Philadelphia, Office of the Director 80/01/31 3pp

--8003280643 IE Insp Rept 50-219/79-23 on 800104 & 791209-14 & 18-19 Noncompliance noted inadequate records of radioactive matl shipment  
NIMITZ, R L, CROCKER, H W Region 1, Philadelphia, Office of the Director 80/01/31 21pp

8003180278 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180035 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190253 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260283 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260391 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260126 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003260310 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260028 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003280542 Forwards response to NRC 800220 ltr re IE Insp Rept 50-219/79-18 findings Describes actions taken or being taken to improve overall mgt controls in seven areas requested in ltr  
FINFRICK, I R Jersey Central Power & Light Co. 80/03/17 60pp

## R Periodic operating reports & related correspondence

8003080497 Forwards "Progress Rept of Ecological Studies, Apr-Aug 1979 " FINFRICK, I R Jersey Central Power & Light Co 80/02/22 2pp

--8003050498 "Progress Rept of Ecological Studies, Apr-Aug 1979 " \* Ecological Analysts, Inc 80/01/31 200pp

8003110016 Forwards "Semiannual Rept 79-2, Radioactive Effluent Releases, Jul-Dec 1979 " ROSS, D A Jersey Central Power & Light Co 80/02/29 1p

--8003110020 "Semiannual Rept 79-2, Radioactive Effluent Releases, Jul-Dec 1979 " ROSS, D A Jersey Central Power & Light Co 79/12/31 78pp

8003110003 Forwards "Annual Rept -- Station Mods, 1979 " ROSS, D A Jersey Central Power & Light Co 80/03/03 1p

--8003110005 "Annual Rept -- Station Mods, 1979 " \* Jersey Central Power & Light Co 79/12/31 6pp

8003210342 Forwards monthly operating rept for Feb 1980 ROSS, D A Jersey Central Power & Light Co 80/03/14 1p

--8003210344 Monthly operating rept for Feb 1980 MCCLAIN, C M Jersey Central Power & Light Co 80/03/13 8pp

## S Reportable occurrences, LERs & related correspondence

8003100172 PNO-I-80-026 on 800125, 27 & 0213, pinhole leaks found in transfer pipe from condensate storage tank during insp of pipe Contaminated soil was removed & pipe replaced Media interest expected  
KEITH, R, KNAPP, P, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/14 1p

8003170058 RO 50-219/80-10-1P on 800220, during verification of as-built conditions for pipe hangers, three pipe hangers in liquid poison sys were discovered improperly installed Cause unknown Hangers were properly reset in boxes  
CARROLL, J T Jersey Central Power & Light Co 80/02/21 3pp

8003040587 Forwards LER 80-004/03L-0 ROSS, D A Jersey Central Power & Light Co 80/02/25 1p

--8003040599 LER 80-004/03L-0 on 800125, on 800125, 29 & 0213, radioactive water discovered leaking from severely pitted aluminum piping of condensate transfer sys Caused by galvanic corrosion Leaks temporarily repaired & piping to be replaced  
ROSS, D A Jersey Central Power & Light Co 80/02/25 3pp

8003060405 Forwards LER 80-005/03L-0 ROSS, D A Jersey Central Power & Light Co 80/02/29 1p

--8003060608 LER 80-005/03L-0 on 800205, during weekly surveillance of standby gas treatment sys, setpoints for radiation monitors RND4A-1 & RND4A-2 found to read less conservatively than Tech Spec Caused by personnel error & instrument drift  
ROSS, D A Jersey Central Power & Light Co 80/02/28 3pp

8003070376 Forwards LER 80-008/01T-0 ROSS, D A Jersey Central Power & Light Co 80/02/29 1p

--8003070378 LER 80-008/01T-0 on 800215, during insp for IE Bulletin 79-14, discovered nine pipe clamps installed w/o restraining welded lugs Caused by oversight during const Welded lugs to be installed  
ROSS, D A Jersey Central Power & Light Co 80/02/29 3pp

8003110061 Forwards LER 80-006/03L-0 ROSS, D A Jersey Central Power & Light Co 80/02/29 1p

--8003110068 LER 80-006/03L-0 on 800131, during reactor recirculation flow calibr surveillance, as-found values of recirculation flow sensors at zero percent simulated flow were out of tolerance Caused by instrument drift  
ROSS, D A Jersey Central Power & Light Co 80/02/29 3pp

8003270457 PNO-I-80-034 on 800302, two individuals showed significant whole body counts of Co-60 Licensee review indicated exposure occurred while wiping down control rod blade tool w/no respiratory protection  
NIMITZ, R, THONUS, L, SMITH, G Region 1, Philadelphia, Office of the Director 80/03/03 2pp

8003270431 PNO-I-80-034A on 800302, two individuals were exposed to Co-60 Deposition calculated in lungs & lower large intestine within allowable quarterly & lifetime limits No future action anticipated  
\* Region 1, Philadelphia, Office of the Director 80/03/05 1p.

8003170330 Forwards RO 50/219/80-13/1P CARROLL, J T Jersey Central Power & Light Co 80/03/07 1p.



## DOCKETED ITEMS

--8003170335 RD 50/219/80-13/1P on 800309, fire suppression water sys will be removed from svc to replace cracked valve V-9-4. Fire truck pumper & power supply for both core spray sys will be available during repair  
HINRICHS, G H Jersey Central Power & Light Co 80/03/07 2pp

8003190540 Forwards LER 80-007/03L-0  
ROSS, D A Jersey Central Power & Light Co 80/03/07 1p

--8003190584 LER 80-007/03L-0 on 800213, while performing 10-h test on standby gas treatment sys 1, flow was less than Tech Spec limit caused by slipping drive belts on exhaust fan EF1-B  
Drive belts replaced  
ROSS, D A Jersey Central Power & Light Co 80/03/06 3pp

8003190545 Forwards LER 80-010/01T-0  
ROSS, D A Jersey Central Power & Light Co. 80/03/07 1p

--8003190579 LER 80-010/01T-0 on 800220, during IE Bulletin 79-14 insp, pipe hangers, NP-2-RBA & NP-2-R8B found improperly installed  
Cleanup sys restraint mod & nonrigid restraint added  
ROSS, D A Jersey Central Power & Light Co 80/03/06 3pp

8003170324 Forwards RD 80-14/1P re both diesel generators being out of svc for approx 5-h on 800302  
CARROLL, J T Jersey Central Power & Light Co 80/03/10 1p

--8003170328 RD 80-14/1P on 800302, during diesel generator 20% plus load test, emergency diesel generator 1 failed to synchronize & tripped while diesel generator 2 was tagged out of svc  
Caused by loose fuse holder on diesel generator 1  
HINRICHS, G H Jersey Central Power & Light Co 80/03/10 2pp

8003210344 Forwards LER 80-011/03L-0  
ROSS, D A Jersey Central Power & Light Co 80/03/17 1p

--8003210352 LER 80-011/03L-0 on 800219, during surveillance test, trip occurred on standby gas treatment sys 1 caused by cracked flow sensing line which was probably stepped on line  
replaced  
ROSS, D A Jersey Central Power & Light Co 80/03/17 3pp

8003260604 Forwards LER 80-009/03L-0  
FINFROCK, I R Jersey Central Power & Light Co 80/03/19 1p

--8003260611 LER 80-009/03L-0 on 800219, during insp of containment spray heat exchangers, leaks discovered in four heat exchangers  
Caused by design & component failure resulting in corrosion  
Heat exchangers will be retubed w/titanium tubes.  
\* Jersey Central Power & Light Co. 80/03/19 4pp

## DOCKET 50-220 NINE MILE POINT NUCLEAR STATION, UNIT 1

## F Security, medical, emergency &amp; fire protection plans

8003060574 Forwards April 1979 revision to "NY State Emergency Plan for Radiation Accidents" Emergency plan withheld per Privacy Act  
DISE, D P Niagara Mohawk Power Corp 80/02/29 1p.

8003180288 Forwards revised security & safeguard contingency plan re changes in central alarm station & secondary alarm station operators responsibilities Plan withheld (ref 10CFR2.790)  
BARTLEY, J Niagara Mohawk Power Corp 80/03/11 1p

8003260447 Forwards Drawing C-27152-C indicating method proposed for fire protection of exposed structural steel in diesel generator rooms. Requests comment by 800421 to prevent disruption of installation schedule  
DISE, D P Niagara Mohawk Power Corp 80/03/20 1p

## G Adjudicatory correspondence

8003120779 Forwards confirmatory order confirming util 791221 commitment re recirculation pump trip installation by 801231  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 2pp

--8003120783 Confirmatory order directing licensee to install recirculation pump trip on place facility in cold shutdown.  
EISENHUT, D O Division of Operating Reactors 80/02/21 4pp.

## H General correspondence

8003060131 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume duty station by 800430 All resident inspectors will be onsite by 800607  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003100074 Notifies that Equifax (Health Sys Div) will visit site in mid-March to conduct feasibility study for performing epidemiologic studies on health effect of exposure to low level ionizing radiation Data records questionnaire encl  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 15pp

8003190565 Forwards application for amend to License DPR-63 containing proposed changes to Tech Specs  
THOMAS, E B LeBoeuf, Lamb, Leiby & MacRae 80/03/17 1p

--8003190568 Application for amend to License DPR-63 containing proposed changes to Tech Specs  
DISE, D P Niagara Mohawk Power Corp 80/03/07 2pp

--8003190571 Proposed changes to Tech Specs re fire suppression & carbon dioxide suppression sys Revised Pages 241r, t, u, v, w & 245 encl  
\* Niagara Mohawk Power Corp 80/03/07 10pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060676 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003050091 Responds to IE Bulletin 80-01 re operability of automatic depressurization sys valve pneumatic supply Licensee does not use pneumatic automatic depressurization sys valves  
BARTLEY, J Niagara Mohawk Power Corp 80/01/17 1p

8003130066 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003140107 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120535 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003140381 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003180285 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180047 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

# DOCKETED ITEMS

31

8003190264 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260322 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260435 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260143 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250337 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260048 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003070344 Forwards, "Radioactive Effluent Release Semiannual Rept, Jul-Dec 1979 "  
LEMPGEB, T E Niagara Mohawk Power Corp 80/02/28 1p

--8003070348 "Radioactive Effluent Release Semiannual Rept, Jul-Dec 1979 "  
\* Niagara Mohawk Power Corp 79/12/31 30pp

8003170407 Forwards monthly operating rept for Feb 1980  
LEMPGEB, T E Niagara Mohawk Power Corp 80/03/10 1p

--8003170411 Monthly operating rept for Feb 1980  
PERKINS, T J Niagara Mohawk Power Corp 80/03/04 3pp

B. Reportable occurrences, LERs & related correspondence

8003180126 RO 80-03 on 800109, during review, failure to sample & lab test emergency ventilation & control room charcoal filters at required intervals discovered Caused by scheduling error  
Schedule corrected  
PERKINS, T J Niagara Mohawk Power Corp 80/01/10 1p

8003140013 RO engineering evaluation of OE SIL 299 requires triple low level setpoint raised to 20 inches to account for differences in indicated vs actual water level Cause  
unstable setpoint adjusted  
PERKINS, J T Niagara Mohawk Power Corp 80/02/04 1p

8003310280 Forwards LER 80-007/03L-0  
LEMPGEB, T E Niagara Mohawk Power Corp. 80/03/18 1p

--8003310281 LER 80-007/03L-0 on 800303, while shutdown for maint, attempts to close both air operated outside main steam isolation valves failed Caused by rust buildup in pilot shuttle New instrument air sys is being installed  
\* Niagara Mohawk Power Corp 80/03/20 2pp

8003310310 Forwards LER 80-008/03L-0  
LEMPGEB, T E Niagara Mohawk Power Corp. 80/03/21 1p.

--8003310313 LER 80-008/03L-0 on 800315, during steady state operation, alarm in control room signalled loss of flow to stack gas sampling sys Caused by stack sample flow inlet valve failing closed, due to arcing relay contacts  
FALISE, M J Niagara Mohawk Power Corp 80/03/20 1p.

DOCKET 80-223 UNIV OF LOWELL RESEARCH REACTOR

G Inspection reports, IE Bulletins & correspondence

8003250254 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

DOCKET 80-224 UNIV OF CALIFORNIA RESEARCH REACTOR

F Security, medical, emergency & fire protection plans

8003180262 Forwards revised security plan Plan withheld (ref 10CFR2 790)  
KAPLAN, S California, Univ of, Berkeley 80/03/05 1p

R Periodic operating reports & related correspondence

8003250532 Forwards "Annual Rept of Operations, 1979 "  
LIM, T H California, Univ of, Berkeley 80/03/20 1p

--8003250536 "Annual Rept of Operations, 1979 "  
LIM, T H California, Univ of, Berkeley 80/03/15 13pp

DOCKET 80-225 RPI CRITICAL EXPERIMENT

P Operating license stage documents & correspondence

8003140194 Confirms 790214 discussions at facility & 790215 telcon re manipulation of reactor controls which affect reactivity w/o knowledge & consent of licensed senior operator Discusses actions to be accomplished prior to facility operations  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/02/15 2pp

G Inspection reports, IE Bulletins & correspondence

8003250251 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003070300 Submits operating rept of tests & experiments conducted Mar 1979 - Mar 1980  
NELSON, F R Rensselaer Polytechnic Inst 80/02/29 1p

DOCKET 80-237 DRESDEN NUCLEAR POWER STATION, UNIT 2

F Security, medical, emergency & fire protection plans

8003170488 Forwards comments on supplementary items re fire protection review for Facilities  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/08 6pp

8003030438 Notifies that no detection sys is needed in refueling floor fire detection sys Area has low fire loading Make-up water & condensate cooling available in event of equipment loss  
JANECEK, R F Commonwealth Edison Co 80/02/25 2pp

8003030424 Forwards fire protection review of Items 3 1 5 & 3 1 & re water suppression sys & gas suppression sys, respectively  
HALL, R E Brookhaven National Laboratory 80/02/28 3pp

8003040284 Forwards response to NRC 791022 request for info re safe shutdown analysis for fire Describes means for taking plant from hot shutdown to cold shutdown Analysis does not rely on repairs or addition of matls Repair procedures unnecessary  
JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

8003170476 Responds to NRC 800117 ltr re pipe break outside containment (SEP Topic III-58 draft evaluation) Mods to fire protection sys to improve operator ability to detect fire sys leaks are scheduled for current Unit 3 refueling outage  
JANECEK, R F Commonwealth Edison Co. 80/03/10 1p

8003180467 Forwards input on Item 3 1 12 of fire protection review re portable ventilation equipment  
HALL, R E Brookhaven National Laboratory. 80/03/10. 2pp

## DOCKETED ITEMS

8003210549 "Preliminary Evacuation Time Study of 10-Mile Radius  
Emergency Planning Zone "  
\* Stone & Webster Engineering Corp 80/01/31 57pp

#### G Adjudicatory correspondence

8003070295 Forwards confirmatory order requiring licensee to install  
recirculation pump trip by 801231 as stated in 790329, 1130  
& 800204 ltrs of commitment  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 1p

--8003070302 Confirmatory order requiring licensee to install  
recirculation pump trip or, in alternative, place & maintain  
facility in cold shutdown or refueling mode of operation  
by 801231.  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

#### H General correspondence

8001100406 Responds to NRC 791220 ltr re facility decommissioning &  
petition for public hearing Disposal of decontamination  
wastes is generic problem Suggests NRC hold public hearing  
BERICK, D Environmental Policy Institute 80/01/07 1p

#### I Financial information

8003250541 Forwards annual financial rept for 1979, statement of  
internal cash flow projected for 1980 & narrative statement  
to which cash flow projection is annexed, explaining  
projection & dealing w/capital expenditures  
NEXON, H K Commonwealth Edison Co 80/03/18 6pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003070336 Requests references to docketed info re SEP topics for NRC  
review in response to 800117 meeting Info due within 30  
days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003070339 Requests references to docketed info re SEP topics for NRC  
review in response to 800117 meeting Info due within 90  
days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003200592 Forwards SEP Topic III-12, "Guidelines for Evaluating  
Environ Qualification of Class 1E Electrical Equipment in  
Operating Reactors " All SEP licensees requested to attend  
800221 meeting in Bethesda, MD re review process  
ZIEHANN, D L Operating Reactors Branch 2 80/02/15 3pp

8003110463 Forwards addl documentation re compliance w/Section 2.1.4 of  
Lessons Learned Task Force Category A items Containment  
isolation sys reviewed to assure that diverse containment  
isolation signals satisfy safety-grade requirements  
PEOPLES, D L Commonwealth Edison Co 80/02/25 57pp

8003200596 Advises that NRC & Essex Corp will survey facility on 800304  
to develop guidance to enable licensees to implement  
recommendation of Section 7.1 of NUREG-0585, "THI-2 Lessons  
Learned Task Force Final Rept " List of site visitors encl  
ZIEHANN, D L Operating Reactors Branch 2 80/02/25 4pp

8003030373 Responds to NRC 800121 ltr requesting addl info re  
containment vent & purge sys All valves modified to require  
closed position for control switches prior to manual reset  
Drawings available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003070396 Forwards responses to NRC 800121 questions re containment  
vent & purge sys Also forwards list of process &  
instrumentation & schematic drawings of vent & purge sys  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003050504 Forwards GE rept, "Seismic Analysis of Reactor Internals "  
Rept addresses concern re reactor supports & internal  
supports  
JANECEK, R F Commonwealth Edison Co 80/02/29 1p

--8003050506 "Seismic Analysis of Reactor Internals "  
LIU, L K, WATZEL, N D General Electric Co 257HA718 68/12/24  
39pp

8003060392 Forwards drawings of recirculation pump supports Drawings  
available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/29 1p

8003270346 Summary of 800222 telcon w/NRC re 800219 ltr concerning  
factor of safety on shell type expansion anchors on safety-  
related piping sys  
PEOPLES, D L Commonwealth Edison Co 80/02/29 2pp

8003110385 Responds to NRC 800109 ltr re verification of reactor--  
turbine bldg design parameters Design parameters to be  
evaluated using as-built drawings are axial areas, shear  
areas, moments of inertia & masses  
JANECEK, R F Commonwealth Edison Co 80/03/04 1p

8003250353 Forwards NRC 800305 "Evaluation of Licensee Compliance  
w/Category A Items of NRC Recommendations Resulting from  
THI-2 Lessons Learned " All requirements have been  
satisfactorily met  
ZIEHANN, D Operating Reactors Branch 2 80/03/05 15pp

8003310250 Forwards final rept re seismic review of facility Structures  
adequate to resist earthquake motion consistent w/2 g SSE  
w/o encl  
NEWMARK, N M N M Newmark Consulting Engineering Services  
80/03/07 1p

8003170170 Comments on draft evaluation of SEP Topic III-B C per NRC  
800117 request Evaluation does not establish that vessel  
internals are sensitized Conclusion not supported by  
pertinent info  
JANECEK, R F Commonwealth Edison Co 80/03/10 1p

8003180345 Responds to 800223 request for info re existing primary  
coolant sys pressure isolation valves  
NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

8003240464 Forwards proposed amends to App A Tech Specs to include  
extended exposure max average planar linear heat generation  
rate curves Extended exposures for fuel types have been  
analyzed by OE & incorporated into NEDO-24146A  
PEOPLES, D L Commonwealth Edison Co 80/03/19 2pp

--8003240471 Errata & Addenda Sheet 2, replacing Page 4-9 to "LOCA  
Analysis Rept for Facilities "  
\* General Electric Co NEDO-24146A 79/04/30 3pp

--8003240478 Proposed Tech Specs page changes, replacing Pages 81B, 81C-1,  
Figure 3 5-1 (Sheet 1 of 3), 81C-2, Figure 3 5-1  
(Sheet 2 of 3), adding Page 81C-3, Figure 3 5-1  
(Sheet 3 of 3) & renumbering Page 81C-2 to read 81B-1  
\* Commonwealth Edison Co 80/03/19 6pp

--8003240482 Proposed Tech Spec page changes, replacing Pages 3 5/4 3-9  
Figure 3 5-1 (Sheet 1 of 4), Figure 3 5-1 (Sheet 2 of 4),  
Figure 3 5-1 (Sheet 3 of 4) & Figure 3 5-1 (Sheet 4 of 4)  
\* Commonwealth Edison Co 80/03/19 6pp

--8003240490 Proposed Tech Spec page changes, replacing Pages 3 5-1 (Sheet  
1 of 5), Figure 3 5-1 (Sheet 2 of 5), Figure 3 5-1 (Sheet 3 of  
5), Figure 3 5-1 (Sheet 4 of 5) & Figure 3 5-1  
(Sheet 5 of 5)  
\* Commonwealth Edison Co 80/03/19 6pp

8003260541 Responds to NRC 800117 request for addl info on SEP Topic  
III-B B, "Pipe Break Outside Containment "  
JANECEK, R F Commonwealth Edison Co 80/03/21 5pp

#### G Inspection reports, IE Bulletins & correspondence

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31  
1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work  
Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003200405 Forwards IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/  
80-02, 50-254/80-02 & 50-265/80-04 on 800110 Noncompliance  
noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/03  
2pp

# DOCKETED ITEMS

33

--8003200408 IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted Major areas inspected discussion of recent personnel errors  
KEPPLER, J G , SPESSARD, R L Region 3, Chicago, Office of the Director  
HEISHMAN, R F Region 3, Chicago, Reactor Operations  
Nuclear Support Branch 80/01/28 4pp

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p.

800310244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p.

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation "  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180229 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260029 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003270220 Forwards NRC evaluation of util responses to IE Bulletin 79-08, "Events Relevant to BWRs Identified During TMI Incident "  
IPPOLITO, T A Operating Reactors Branch 3 80/03/10 42pp

8003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director. 80/03/14. 1p.

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050601 Forwards radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
STEPHENSON, B B Commonwealth Edison Co 80/02/11 1p

--8003050611 Radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
\* Commonwealth Edison Co 79/12/31 15pp

8003280349 Forwards "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/11. 1p

--8003280358 "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
\* Commonwealth Edison Co 80/02/11 16pp

8003100149 Forwards "Annual Operating Rept for 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/22 1p

--8003100153 "Annual Operating Rept for 1979 "  
\* Commonwealth Edison Co 80/02/22 31pp

8003180487 Forwards monthly operating repts for Feb 1980  
STEPHENSON, B B Commonwealth Edison Co 80/03/07 1p

--8003180493 Monthly operating repts for Feb 1980  
CIESZKIEWICZ, S Commonwealth Edison Co 80/03/04 17pp

## S Reportable occurrences, LERs & related correspondence

8003040504 Forwards LER 80-008/03L-0  
STEPHENSON, B B Commonwealth Edison Co 80/02/22 1p

--8003040512 LER 80-008/03L-0 on 800126, during routine surveillance, discovered 2/3 diesel generator coolant water expansion head tank overflowing through vent line Caused by tube leaks in heat exchanger due to normal wear Tubes repaired.  
KORCHYNEKY, M Commonwealth Edison Co 80/02/25 1p

8003110670 Forwards LER 80-009/03L-0  
STEPHENSON, B B Commonwealth Edison Co 80/03/03 1p

--8003110672 LER 80-009/03L-0 on 800203, during startup, control rod drive line C-11 (10-43) was discovered uncoupled at full withdrawn position Probably caused by control rod drive line inner filter becoming detached  
MAXWELL, D C Commonwealth Edison Co 80/03/03 1p.

## DOCKET 50-244 ROBERT EMMET GINNA NUCLEAR PLANT, UNIT 1

### F Security, medical, emergency & fire protection plans

8003050198 Forwards results of NRC vital area analysis Requests mod to physical security plan within 60 days Results withheld (ref 10CFR2 790)  
ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003280494 Requests that 790323 safeguards contingency plan be revised within 30 days in accordance w/encl comments Encl withheld (ref 10CFR2 790)  
ZIEMANN, D L Operating Reactors Branch 2 80/02/28 3pp

8003060458 Forwards Apps 15 & 16 to security plan re physical protection & attendant recordkeeping Plan withheld (ref 10CFR2, 790)  
WHITE, L D Rochester Gas & Electric Corp 80/03/03 1p

8003280403 Forwards revised pages to security plan Encl withheld (ref 10CFR2, 790)  
WHITE, L D Rochester Gas & Electric Corp 80/03/24 1p

## DOCKETED ITEMS

## H General correspondence

8003060118 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume duty station by 800515 All resident inspectors will be onsite by 800607  
 ORTER, B H Region 1, Philadelphia, Office of the Director  
 80/01/18 1p

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
 EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
 POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003200546 Notifies that Div of Operating Reactors has contracted w/ ORNL to review operating experience performance records of Palisades & RE Ginna in SEP Requests participation of one employee part-time  
 EISENHUT, D G Division of Operating Reactors FIN B-0092-0  
 80/01/24 1p

--8003200552 Provides guidance & funding to support NRC review of operating experience & performance record of Palisades & RE Ginna Requests acceptance by signing encl NRC Form 173, "Std Order for DOE Work"  
 EISENHUT, D G Division of Operating Reactors FIN B-0092-0  
 80/01/15 1p

--8003200558 Std order for DOE work "Review of Operating Experience & Performance of Two Plants" Scope of work & milestones chart encl  
 TRIPLETT, M P Office of Nuclear Reactor Regulation FIN B-0092-0  
 80/01/11 2pp

8003170033 Responds to 800117 & 22 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by 800515 Acceptability of Category A implementation subj to review  
 DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170048 Responds to 800116 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by May 1980 Acceptability of Category A requirement implementation subj to review  
 DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

8003070037 Forwards request for addl info re containment isolation sys, SEP Topic VI-4 Requests response within 30 days.  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/11 3pp

8003050156 Ack receipt of 791214 application requesting approval to use mixed oxide fuel assemblies Requests addl info within 20 days re equations of isotope content as function of burnup, verification of models for mixed oxide & fuel rod bowing  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/13 4pp

8003060687 Forwards Amend 31 to License DPR-18, safety evaluation & notice of issuance & availability  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/13 1p

--8003060691 Amend 31 to License DPR-18, authorizing licensee to receive & store four mixed oxide fuel assemblies & approving addl security measures to store unirradiated mixed oxide fuel assemblies outside containment  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/13 2pp

--8003060693 Safety evaluation supporting Amend 31 to License DPR-18  
 \* Office of Nuclear Reactor Regulation 80/02/13 3pp

--8003060696 Notice of issuance & availability of Amend 31 to License DPR-18  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/13 2pp

8003070281 Requests references to docketed info re SEP topics for NRC review in response to 800117 Info due within 90 days  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003140282 Requests list of references for SEP Topics VI-7 A, VI-7 B, VI-10 A, VII-1 A & VII-2 within 30 days.  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003250071 Forwards SEP "Guidelines for Evaluating Environ Qualification of Class 1E Electrical Equipment in Operating Reactors" All SEP licensees requested to attend 800221 meeting in Bethesda, MD re review process  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/15 3pp

8003060609 Forwards facility Emergency Procedures E1 1, E1 2 & E1 3 in response to NRC 800221 request Procedures include instruction for use of safety-related & nonsafety-related equipment  
 WHITE, L D Rochester Gas & Electric Corp 80/02/26 2pp

--8003060613 Emergency Procedure E-1 1, Rev 13, "Immediate Action & Diagnostics for Spurious Actuation of SI, LOCA, Loss of Secondary Coolant & Steam Generator Tube Rupture"  
 BODINE, J C, NOON, J Rochester Gas & Electric Corp 79/12/03 13pp

--8003060616 Emergency Procedure E-1 2, Rev 18, "Loss of Reactor Coolant"  
 BODINE, J C, NOON, J Rochester Gas & Electric Corp 79/12/03 23pp

--8003060625 Emergency Procedure E-1 3, Rev 7, "Loss of Secondary Coolant"  
 BODINE, J C, NOON, J Rochester Gas & Electric Corp 79/12/03 18pp

8003240305 Forwards "Safety Analysis of Interim Actions Taken to Eliminate Feedwater Piping Cracks" Repair program, nondestructive insps & leakage tests adequate until further recommendations evaluated  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/26 6pp

8003240456 Forwards request for addl info required for SEP design basis events analyses review Requests response within 90 days  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/26 6pp

8003030478 Forwards "Process Control Program," Revision 0  
 BADDOCK, H O Rochester Gas & Electric Corp 80/02/29 1p

--8003030482 "Process Control Program," Revision 0  
 \* Rochester Gas & Electric Corp 80/02/29 6pp

8003060552 Informs that addl info re SEP seismic qualification has been sent to J Stevenson per 800213 telcon request  
 BADDOCK, H O Rochester Gas & Electric Corp 80/02/29 1p

8003310241 Informs licensee that 791228 proposals for meeting Category B requirements of Lessons Learned Task Force Items 2 i B b & 2 i 9 does not contain sufficient detail for complete evaluation Submits areas for resolution before approval  
 ZIEMANN, D L Operating Reactors Branch 2 80/02/29 4pp

8003110602 Forwards replacement Page 16, Attachment A, to 800220 ltr re proposal to load four mixed oxide fuel assemblies  
 WHITE, L D Rochester Gas & Electric Corp 80/03/05 2pp

8003180484 Transmits Levinson Steel Co drawings to T Cheng of SEP Branch 3 R Murray of LLL Drawings provide fabrication details of structural steel for various bracing connections to assist in seismic review W/o encl  
 WHITE, L D Rochester Gas & Electric Corp 80/03/11 1p

8003130553 Forwards application to amend CL & proposed changes & additions to Tech Specs, Sections 4 & 5 Certificate of Svc  
 VOJWIT, H H LeBoeuf, Lamb, Leiby & MacRae 80/03/12 4pp

--8003130555 Application to amend CL, changing Tech Specs to implement secondary water chemistry monitoring program Forwards proposed changes & additions to Tech Specs  
 WHITE, G L Rochester Gas & Electric Corp 80/03/07 2pp

--8003130557 Proposed changes & additions to Tech Specs, Sections 4 & 5, implementing secondary water chemistry monitoring program Supporting documentation encl  
 \* Rochester Gas & Electric Corp 80/03/07 5pp

8003190516 Responds to 800223 ltr re LWR primary coolant sys pressure isolation valves, Need for surveillance or periodic testing being evaluated Periodic check valve pressure integrity test program being developed  
 WHITE, L D Rochester Gas & Electric Corp 80/03/14 2pp

8003240381 Responds to NRC 800211 ltr re addl info on containment purge & vent sys, Existing sys being modified per NUREG-0578 to require individual resetting of any containment isolation valve required to open when initiating signal present  
 WHITE, L D Rochester Gas & Electric Corp 80/03/17 3pp

# DOCKETED ITEMS

35

8003250463 Forwards response to NRC 800225 request for info re turbine disc integrity in operating Westinghouse low pressure turbines Application for withholding proprietary info & affidavit encl Proprietary version withheld (ref 10CFR2790) WHITE, L D Rochester Gas & Electric Corp 80/03/19 44pp

8003260643 Advises of calculational error in XN-NF-77-40, XN-NF-78-35 & XN-NF-79-4 analyses of steam line breaks for reactors Error did not affect results of calculation re safety-related parameters QMSLEY, G F Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/03/19 1p

8003260549 Responds to NRC 800214 ltr requesting refs for 35 SEP topics Forwards internal memos re review WHITE, L D Rochester Gas & Electric Corp 80/03/21 15pp

## G Inspection reports, IE Bulletins & correspondence

8003060760 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs copies of escalated enforcement correspondence sent by NRC to licensees GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003190890 Forwards IE Insp Rept 50-244/79-19 on 791218-20 No noncompliance noted BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--8003190899 IE Insp Rept 50-244/79-19 on 791218-20 No noncompliance noted Major areas inspected inof & onsite review of LERS, review of interim corrective measures associated w/ pressurizer power operated relief valve & yoke MARKONSKI, R S Region 1, Philadelphia, Office of the Director KISTER, H Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/22 11pp

8003280477 Forwards site-specific general questions & generic questions re turbine discs discussed in IE Info Notice 79-37 Probability of cracking in low pressure turbine discs is greater than previously assumed by Westinghouse EISENHUT, D G Division of Operating Reactors 80/02/25 6pp

8003140125 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120564 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003180295 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180057 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190292 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260366 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260460 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260176 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required GRIER, B H Region 1, Philadelphia, Office of the Director, 80/03/13 1p

8003250365 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260077 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003110582 Forwards "Semiannual Rept of Radioactive Effluents, Jul-Dec 1979 " WHITE, L D Rochester Gas & Electric Corp 80/03/07 1p

--8003110583 "Semiannual Rept of Radioactive Effluents, Jul-Dec 1979 " \* Rochester Gas & Electric Corp 80/03/07 3pp

8003170402 Forwards monthly operating rept for Feb 1980 SNOW, B A Rochester Gas & Electric Corp 80/03/10 1p

--8003170415 Monthly operating rept for Feb 1980 MCNAMARA, A E Rochester Gas & Electric Corp 80/03/07 5pp

8003250481 Corrects two errors in cover ltr for "Semiannual Effluent Release Rept, Jan-June 1979 " Solid waste shipped was 136 76 Ci Vol of waste was 6,415 2 cubic ft WHITE, L D Rochester Gas & Electric Corp 80/03/18 3pp

## DOCKET 50-245 MILLSTONE NUCLEAR POWER STATION, UNIT 1

### F Security, medical, emergency & fire protection plans

8003170366 Lists mod items which required addl info at time of SER issuance All items satisfactory MACDOUGALL, E A Brookhaven National Laboratory 79/08/08 1p

8003170289 Advises that Item 3 22 of safety evaluation re fire hose station, found acceptable MACDOUGALL, E A Brookhaven National Laboratory 79/09/10 1p

8003260455 Advises that 790411, 0518 & 1007 submittals are acceptable on fire protection safety evaluation Items 3, 1 & 4 water suppression sys LAINAS, O Plant Systems Branch 80/02/04 2pp

8003110470 Forwards correction to 791228 upgraded site emergency plan Figure 3a, App B should be titled "Dose Rate Outside Personnel Airlock " COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/04 1p

--8003110481 Corrected App B, Figure 3a Title should be, "Dose Rate Outside Personnel Air Lock " COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/04 1p

8003270206 Notification of 800401-03 meeting w/util & local officials at site to discuss emergency planning guidelines CONNER, E L Operating Reactors Branch 4 80/03/11 4pp

### G Adjudicatory correspondence

8003170209 Forwards confirmatory order confirming util 790329 commitment re recirculation pump trip installation prior to operation DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 3pp

--8003170212 Confirmatory order, confirming util 790329 commitment to install recirculation pump trip prior to operation EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

### J Insurance & indemnity information

8003190512 Forwards Endorsements 63 & 64 to NELA Policy NF-173 IFFLAND, R R Northeast Utilities 80/03/14 3pp

## DOCKETED ITEMS

## P Operating license stage documents &amp; correspondence

8003070204 Comments on proposed rules 10CFR30.40, 50 & 70 draft  
"Accounting Alternatives for Nuclear Decommissions"  
\* Northeast Utilities Service Co 79/04/30 31pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003070333 Requests references to docketed info re SEP topics for NRC  
review in response to 800117 meeting info due within 90  
days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003130392 Requests SEP licensees to perform safety-related equipment  
review per encl guidelines for evaluating environ  
qualification of Class IE electrical equipment Guidelines  
for identifying subg equipment encl  
ZIEHANN, D L Operating Reactors Branch 2 80/02/15 2pp

--8003130395 "Guidelines for Evaluating Environ Qualification of Class IE  
Electrical Equipment in Operating Reactors"  
\* Commission 80/02/15 34pp

8003110418 Submits comments on "Criteria for Util Mgt & Technical  
Competence," re recommendations of post-TMI accident  
investigative groups NRC should define broad criteria &  
organizational structure to allow adequate license latitude  
COUNSIL, W G Northeast Utilities 80/03/01 7pp

8003180335 Updates 800131 response to Item 2 2.6a of TMI-2 short-term  
Lessons Learned implementation Isolation condenser sys  
isolated for repairs & returned to svc on 800212 Negligible  
leakage detected  
COUNSIL, W G Northeast Utilities 80/03/10 1p

8003170338 Forwards emergency procedures for facilities relevant to  
SEP Topic III-12, "Environ Qualification of Safety-Related  
Equipment"  
COUNSIL, W G Connecticut Yankee Atomic Power Co 80/03/11 1p

--8003170359 Emergency operating procedures relevant to SEP Topic III-12,  
"Environ Qualification of Safety-Related Equipment"  
\* Northeast Utilities 80/03/31 49pp

8003180348 Responds to request for info concerning SEP Topic III-12 re  
environ qualification of safety-related equipment Lists  
of relevant piping, instrument & equipment location drawings  
encl  
COUNSIL, W G Northeast Utilities 80/03/12 5pp

8003180595 Forwards lists of drawings for SEP Topic III-12 re piping,  
instrument & equipment locations in connection w/environ  
qualification of safety-related equipment  
COUNSIL, W G Northeast Utilities 80/03/12 5pp

8003210527 Forwards list of Haddam Neck safety-related electrical  
components for which positive anchorage will be provided  
during refueling outage, per NRC 800101 ltr Existing  
containment Category IE table will be replaced  
COUNSIL, W G Northeast Utilities 80/03/14 3pp

8003260385 Submits evaluation of isolation valve configuration  
providing isolation for low pressure piping sys from RCS  
No Event 5 isolation valve configurations exist  
COUNSIL, W G, FEE, W F Northeast Utilities 80/03/18 6pp

8003270405 Responds to NRC 800223 ltr requesting info re testing of  
pressure isolation valves & voicing concern on intersystem  
LOCA No Event 5 isolation valve configurations exist at  
facilities  
COUNSIL, W G Northeast Utilities 80/03/18 6pp

8003260365 Forwards technical evaluations & proposed Tech Spec changes  
reflecting new max average planar linear heat generation  
rate limits & incorporating isolation condenser sys into  
ECCS sys Class III per encl  
COUNSIL, W G Northeast Utilities 80/03/19 8pp

--8003260373 Proposed Tech Spec changes reflecting new max average planar  
heat generation rate limits & incorporating isolation  
condenser sys into ECCS sys  
\* Northeast Utilities 80/03/19 8pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060670 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003060473 Responds to IE Bulletin 80-01 re automatic depressurization  
sys valve pneumatic supply Accumulator sys check valves are  
hard seated, 1-inch, 600 lb pressure class, velan check valves  
COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast  
Utilities) 80/01/18 3pp

8003050085 Ack receipt of 791228 ltr informing NRC of steps taken to  
correct violation noted in IE Insp Repts 50-245/79-24 &  
50-336/79-25  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/24 1p

--8003050100 Responds to NRC 791205 ltr re violation noted in IE Insp  
Rept 50-336/79-25 Corrective action properly incorporated  
temporary editorial change into procedures  
COUNSIL, W G, SWITZER, D C Northeast Nuclear Energy Co (subs of  
Northeast Utilities) 79/12/28 2pp

--8003050105 Forwards IE Insp Repts 50-245/79-24 & 50-336/79-25 on  
791002-05 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 79/12/05 2pp

--8003050107 Notice of violation from insp on 791002-05  
\* Region 1, Philadelphia, Office of the Director 79/12/05 1p

--8003050112 IE Insp Repts 50-245/79-24 & 50-336/79-25 on 791002-05  
Noncompliance noted failure to initiate & review temporary  
procedure change  
GRAHAM, P D Region 1, Philadelphia, Office of the Director  
CAPTON, D L Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 79/12/03 11pp

8003190853 Forwards IE Insp Repts 50-245/79-28 & 50-336/79-29 on  
791015-1130 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/28 2pp

--8003190859 IE Insp Repts 50-245/79-28 & 50-336/79-29 on 791015-1130 No  
noncompliance noted Major areas inspected control rooms &  
turbine & intake bldgs, radiation protection, physical  
security, fire protection & plant operation records  
SHELDON, J T Region 1, Philadelphia, Office of the Director  
KEITH, R R Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/24 9pp

8003190206 Ack receipt of 800206 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Rept 50-245/79-27  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/02/20 1p

--8003190214 Responds to NRC 800114 ltr re violations noted in IE Insp  
Rept 50-245/79-27 Corrective actions new procedures re  
calibr have been written & new surveillances have been added  
to surveillance schedules  
COUNSIL, W G Northeast Utilities 80/02/06 3pp

--8003190222 Forwards IE Insp Rept 50-245/79-27 on 791127-30 & notice of  
violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/14 2pp

--8003190227 Notice of violation from insp on 791127-30  
\* Region 1, Philadelphia, Office of the Director 80/01/10 1p

--8003190234 IE Insp Rept 50-245/79-27 on 791127-30 Noncompliance noted  
failure to establish surveillance procedures, to document  
temporary changes & to adhere to surveillance frequencies  
BLUMBERG, N Region 1, Philadelphia, Office of the Director  
BLUMACK, W Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/10 11pp

8003140104 Forwards IE Info Notice 80-06, "Notification of Significant  
Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120530 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p.

# DOCKETED ITEMS

37

8003180284 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180044 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190263 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260317 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260433 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260141 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250334 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260042 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## R Periodic operating reports & related correspondence

8003040509 "Biannual Radioactive Effluents Release Rept,"  
Jul-Dec 1979  
\* Northeast Utilities 80/02/29 107pp

8003040615 Forwards "Annual Operating Rept, 1979 "  
OPEKA, J F Northeast Utilities 80/02/29 1p

--8003040621 "Annual Operating Rept, 1979 "  
\* Northeast Utilities 80/02/29 42pp

8003190475 Forwards monthly operating rept for Feb 1980  
OPEKA, J F Northeast Utilities 80/03/11 1p

--8003190480 Monthly operating rept for Feb 1980  
HARRAN, G Northeast Utilities 80/03/03 6pp

## S Reportable occurrences, LERs & related correspondence

8003240497 Forwards LER 80-005/03L-0  
OPEKA, J F Northeast Utilities 80/03/17 3pp

--8003240502 LER 80-005/03L-0 on 800220, one core spray subsystem was declared inoperable, resulting in operation in degraded mode  
Caused by water hammer damage due to seat leakage from core spray injection & check valves Pipe supports repaired  
BIOIARELLI, M J Northeast Utilities 80/03/17 1p

8003280517 Forwards updated LER 79-019/03X-1  
OPEKA, J F Northeast Utilities 80/03/19 5pp

--8003280522 Updated LER 79-019/03X-1 on 79062B, during refueling outage, all testable primary containment isolation valves were local leak rate tested Ten out of 88 isolation valves found to have leakage in excess of Tech Specs  
BIOIARELLI, M J Northeast Utilities 80/03/19 5pp

## DOCKET 80-247 INDIAN POINT STATION, UNIT 2

### F Security, medical, emergency & fire protection plans

8003170125 Advises that design mods for diesel driven fire pump & water supply, fire detector locations inside containment & diesel generator splash shields, submitted 791102, are acceptable  
Fire protection review status encl  
LAINAS, G Plant Systems Branch 80/02/12 2pp

8003190047 Responds to 791102 info ltr re fire protection design mods for SER Design details reviewed & found acceptable  
SCHWENGER, A Operating Reactors Branch 80/02/27 2pp

8003070390 Ack receipt of questions on state & local plans resulting from NRC review of facility emergency plans NRC & FEMA  
Regional Advisory Committee roles unclear NRC questions will be included in meeting w/State Regional Advisory Committee  
CZECH, L B New York, State of 80/03/03 1p

8003170168 Forwards revised safeguards contingency plan Plan withheld (ref 10CFR2 790)  
CAHILL, W J Consolidated Edison Co of New York 80/03/07 1p

### G Adjudicatory correspondence

8003170099 Requests meeting to discuss NRC recommendations re UCS petition concerning facilities  
\* Westchester Peoples Action Coalition, Inc 80/02/13 1p

8003120330 Requests that Citizens' Committee for Protection of Environ  
800213 filing be denied docketing, citing violation of NRC regulations  
DAVIS, J P Consolidated Edison Co of New York 80/02/21 2pp

8003030520 Reiterates schedules for Commission 800211 confirmatory order requirements 30-day requirements to be completed by 800312, 60-day by 800411, 90-day by 800511, 120-day by 800610 & 6-month by 800811  
CAHILL, W J Consolidated Edison Co of New York 80/02/26 1p

8003210108 Comments on director decision on UCS petition Decision is spurious & irresponsible due to failure to address UCS petition questions Urges Commission to convene formal adjudicatory proceeding before licensing board  
FINK, S New York, State of 80/02/27 2pp

--8003210117 Expresses concern re NRC decision not to close facilities  
Recommends that ASLB be set up, record be compiled of UCS petition items & that operation of facilities be suspended until commissioners make final decision  
BOHMAN, M S Affiliation Unknown 80/02/23 2pp

--8003210126 Expresses concern re NRC decision against UCS petition re continued operation of facilities Requests that public hearings be held within 30 miles of facility  
RODRIGUEZ, P Affiliation Unknown 80/02/20 2pp

8003240062 Responds to 800128 ltr re UCS petition under 10CFR2 206 re facility reactors Forwards determination & associated orders NRC denied request for shutdown of Units 2 & 3  
H/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/29 1p

--8003240066 Requests that NRC suspend operations of facility until safety issues are resolved Provides specific steps NRC should take before facility should be allowed continued operation  
BRODSKY, R L Westchester County, NY 80/01/28 3pp

--8003240074 Statement of R Brodsky before NRC workshop on proposed rule requiring NRC concurrence in evacuation & emergency plans  
BRODSKY, R L Westchester County, NY 80/01/28 6pp

8003130399 Responds to 791207 ltr re UCS petition under 10CFR2 206  
NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p

--8003130402 Urges NRC to expedite determination re UCS petition to shutdown Units 2 & 3 Backfitting essential safety features & developing realistic evacuation measures should be priority items  
FINK, S New York, State of 79/12/07 2pp



## DOCKETED ITEMS

8003190103 Responds to 800125 ltr re UCS petition under 10CFR2 206 NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission W/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p

--8003190111 Requests NRC to schedule public hearing & determination re UCS petition Request based on widespread concern for health & safety of community  
SCIANDRA, J New York, State of 80/01/25 1p

8003190530 Responds to Village Independent Democrats 791210 ltr re UCS petition. Shutdown of Units 2 & 3 will not be ordered Decision has been referred to Commission for review Determination & associated orders encl W/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 2pp

8003170379 Memorandum in response to NRC 800215 request for comments on director's decision under 10CFR2 206 NRC should decline to review 800211 decision No info suggests that director abused discretion in any way  
DAVIS, J P, BRANDENBURG, D Consolidated Edison Co of New York 80/03/10 35pp

8003270021 Order granting extension until 800331 for Commission to elect whether to review director's 800211 decision denying petition under 10CFR2 206  
CHILKA, S J Office of the Secretary of the Commission 80/03/17 1p

8003290513 Requests util response to NRC 800227 ltr Also requests other util submittals re director decision on UCS petition & commitments made by NRC to Commission on 800205, including notice of meetings between NRC & util  
WEISS, E R Sheldon, Harmon & Weiss 80/03/18 2pp

#### K General correspondence

8003060148 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume new duty station by 800430 All resident inspectors will be onsite by 800607  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

8003070030 Ack receipt of 800205 ltr re facility operation Forwards 800211 director's decision responding to UCS 790917 petition W/o encl  
EISENHUT, D O Division of Operating Reactors 80/02/22 1p

--8003070032 Urges facilities to remain active due to safe performance & need for power  
GRUBBS, R A Columbia Univ 80/02/05 1p

8003230511 Submits suggested distribution list for expediting mail delivery of NRC studies  
PEOPLES, D L Commonwealth Edison Co 80/03/14 3pp.

#### P Operating license stage documents & correspondence

8003170317 Notifies that M Antonetti currently working on items re Indian Point 2 water supply & diesel generator protection, Indian Point 3 sprinkler sys, Oyster Creek sprinkler sys & cable spreading room & Trojan welding shield  
MACDONAGALL, E A Brookhaven National Laboratory 79/09/20 1p

8003170177 Forwards draft NUREG-0430, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Performance Branch 79/11/30

re feasibility of  
of  
see 42

127

8003130154 Forwards Amend 60 to License DPR-26, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/01/28 2pp

--8003130161 Amend 60 to License DPR-26, implementing secondary water chemistry monitoring program to inhibit steam generator tube degradation  
SCHWENCER, A Operating Reactors Branch 1 80/01/28 24pp

--8003130169 Safety evaluation supporting Amend 60 to License DPR-26 \* Office of Nuclear Reactor Regulation 80/01/28 3pp

--8003130174 Notice of issuance & availability of Amend 60 to License DPR-26  
SCHWENCER, A Operating Reactors Branch 1 80/01/28 2pp

8003280618 Confirms acceptability of util actions re turbine rotor disc concern identified by Westinghouse on 791030  
EISENHUT, D O Division of Operating Reactors 80/01/04 1p

8003190130 Notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Proposed agenda encl  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/14 3pp

8003190130 Notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Proposed agenda encl  
OLSHAN, L Operating Reactors Branch 1 80/02/14 3pp

8003190776 Ack receipt of 800204 preliminary evaluation re potential sys stability impacts in southeastern NY area if plant did not operate 800215-810101 Detailed evaluation not required at this time  
YOUNGBLOOD, B J Cost Benefit Analysis Branch 80/02/14 1p

--8003190782 Responds to 800131 request re power sys reliability in case of plant shutdown for extended period Preliminary evaluation indicates reserve margins adequate to provide reliable electric svc in state & southeastern NY areas  
WEINER, R E Energy Dept of 80/02/04 2pp

8003190811 Notification of 800221 meeting w/utills to discuss schedule & guidelines for review of environ qualification of equipment necessary to safety at 11 SEP facilities plus Zion & Indian Point  
O'CONNOR, P Operating Reactors Branch 2 80/02/14 3pp

8003190136 Corrected notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Starting time has been changed to 9:30 AM  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/19 1p

8003200122 Comments on proposed rule 10CFR50 urges establishment of objective criterion for max permissible time to accomplish evacuation of emergency zone  
WEISS, E R Union of Concerned Scientists WEISS, E R Sheldon, Harmon & Weiss 80/02/19 5pp

--8003200126 "Impact on NY City of Reactor Accidents at Indian Point," statement to NY City Council corrected on 790620 Supporting documentation encl  
DEVEA, J Princeton Univ 80/06/11 49pp

8003130320 Summary of 800220 meeting w/utills & NRC re accident mitigation features for facilities  
OLSHAN, L Operating Reactors Branch 1 80/02/21 4pp

--8003130357 Forwards near-site study for facilities in response to NRC 791205 requests for 60-day crash effort  
PEOPLES, D L Commonwealth Edison Co CAHILL, W J Consolidated Edison Co. of New York DAVIS, J F Power Authority of the State of New York 80/02/19 1p

--8003130364 "Indian Point & Zion Near Site Study" \* Commonwealth Edison Co \* Consolidated Edison Co of New York \* Power Authority of the State of New York, 80/02/20 73pp

8003190045 Forwards evaluation of actions taken to satisfy TMI Lessons Learned Task Force Category A items Evaluation based on util documentation & discussion at 800124 & 25 site visit  
SCHWENCER, A Operating Reactors Branch 1 (Pre 791030) 80/02/21 2pp.

# DOCKETED ITEMS

39

--8003190058 "Evaluation of Licensee Compliance w/Category A Items of NRC Recommendations Resulting from TMI-2 Lessons Learned"  
Attendee list from 80024-25 meeting encl  
\* Operating Reactors Branch 1 (Pre 791030) 80/02/21 13pp

8003130017 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENGER, A Operating Reactors Branch 1 80/02/25 2pp

8003190045 Forwards requests for addl info required to continue licensing action review Schedule for providing addl info requested within 10 days  
SCHWENGER, A Operating Reactors Branch 1 80/02/27 3pp

8003280175 Discusses 800221 meeting re environ qualification of electrical equipment Inclusion in program exempts facilities from responding to IE Bulletin 79-01B SEP qualification program schedule & submittal content encl  
SCHWENGER, A Operating Reactors Branch 1 80/03/05 5pp

8003170316 Provides schedule for submittal of requested addl info per NRC 800247 request info concerns overpressure protection, heavy load control near spent fuel, fire protection, filters & inservice testing program  
CAHILL, W J Consolidated Edison Co of New York 80/03/07 1p

8003140208 Forwards final responses to NRC, "Interim Position for Containment Purge & Vent Valve Operability," & electrical bypass review results w/status of long-term valve qualification program status  
ZARAKAS, P Consolidated Edison Co of New York 80/03/11 11pp

8003170300 Forwards actions taken to comply w/NRC 800211 confirmatory order re stationing vendor representatives on site; licensee re-examination of Ventilation intakes & revision to qualification requirements of reactor operators  
ZARAKAS, P Consolidated Edison Co of New York 80/03/11 4pp

8003180558 Responds to NRC ltr re LWR primary coolant sys pressure isolation valves Plant specific reliability analysis based on WASH-1400 performed Check valve failure meaningful only if motor-operated valves mispositioned  
CAHILL, W J Consolidated Edison Co of New York 80/03/14 6pp

8003250484 Forwards responses to NRC 800225 ltr re turbine disc integrity to operate Westinghouse low pressure turbines Affidavit & application requesting withholding of proprietary info encl Response withheld (ref 10CFR2.790)  
CAHILL, W J Consolidated Edison Co of New York 80/03/19 55pp

## G Inspection reports, IE Bulletins & correspondence

8003060655 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general of ccs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003040307 Responds to Item 6 of IE Bulletin 79-17, Revision 1, "Pipe Cracks in Borated Water Sys at PWR Plants" Normally acceptable piping lines were visually inspected for indications of leakage No indications identified  
CAHILL, W J Consolidated Edison Co of New York 80/01/24 1p

8003130059 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp.

8003190293 Forwards safety analysis of actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping"  
Nondestructive insps & analyses performed are sufficient to ensure piping integrity  
SCHWENGER, A Operating Reactors Branch 1 80/02/12 4pp

8003190289 Ack receipt of 800210 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-247/79-23  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/22 1p

--8003190294 Responds to NRC 800115 ltr re violations noted in IE Insp Rept 50-247/79-23 Corrective actions: quadrant power tilt calculation sheet revised to note Tech Spec tilt limit.  
CAHILL, W J Consolidated Edison Co of New York 80/02/10 2pp.

--8003190300 Forwards IE Insp Rept 50-247/79-23 on 79111-1208 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/15 2pp

--8003190305 Notice of violation from insp on 79111-1208  
\* Region 1, Philadelphia, Office of the Director 80/01/11 1p

--8003190307 IE Insp Rept 50-247/79-23 on 79111-1208 Noncompliance noted failure to recognize quadrant power tilt calculation result in excess of Tech Spec limit  
JOHNSON, J, REBELOWSKI, T Region 1, Philadelphia, Office of the Director KISTER, K Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/11 11pp

8003120685 Advises of greater probability of potential problem w/crack formation in keyway & bore sections of Westinghouse 1800 rpm low pressure turbines Forwards request for addl info re turbine discs  
EISENHUT, D G Division of Operating Reactors 80/02/25 4pp

8003140085 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120447 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003140359 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003180273 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180029 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190242 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260273 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260382 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks"  
Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260117 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls" Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p.

8003250267 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p.

8003260020 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050237 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
CAHILL, W J Consolidated Edison Co of New York 80/02/29 1p.

## DOCKETED ITEMS

--B003050243 "Effluent & Waste Disposal Semiannual Rept. Jul-Dec 1979"  
\* Consolidated Edison Co of New York 79/12/31 43pp

B003170444 Forwards data specified in Section 401 certification for Feb 1980, including data re species codes, circulating water temp, gross electrical output, river water discharge, chemical discharges & daily counts from intake screens  
MONTI, W A Consolidated Edison Co of New York 80/03/10 17pp

B003180470 Forwards "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979" Sequence data resulting from B00117 earthquake encl  
CAHILL, W J Consolidated Edison Co of New York 80/03/13 2pp

--B003180476 "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979"  
\* Woodward-Clyde Consultants, Inc 80/01/08 37pp

B003180503 Forwards monthly operating rept for Feb 1980  
CAHILL, W J Consolidated Edison Co of New York 80/03/14 1p

--B003180506 Monthly operating rept for Feb 1980  
EICH, E Consolidated Edison Co of New York 80/03/06 7pp

B003240529 Forwards monthly rept of daily fish counts for Feb 1980  
CAHILL, W J Consolidated Edison Co of New York 80/03/14 1p

--B003240531 Monthly rept of daily fish count from intake screens for Feb 1980  
\* Consolidated Edison Co of New York 80/03/14 4pp

B003280506 Forwards "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5"  
CAHILL, W J Consolidated Edison Co of New York 80/03/14 1p

--B003280510 "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5"  
\* Consolidated Edison Co of New York 80/03/31 100pp

#### S Reportable occurrences, LERs & related correspondence

B003170290 Forwards updated LER 79-016/03X-1  
ZARAKAS, P Consolidated Edison Co of New York 80/03/10 3pp

--B003170297 Updated LER 79-016/03X-1 on 790613, while conducting shock suppressor insp, at end of cycle operation, noted snubber BR-K24 on line MS-3 had fluid level less than required. Caused not determined. Snubber replaced.  
MAKPEACE, J M Consolidated Edison Co of New York 80/03/10 1p

B003180376 Forwards LER 80-001/03L-0  
ZARAKAS, P Consolidated Edison Co of New York 80/03/10 1p

--B003180379 LER 80-001/03L-0 on B00209, during turbine insp outage, leakage indicated through pressure relief valve PCV-1192 while in hot shutdown, caused by deterioration of T-ring seat in 10-inch Fisher-type 9200 butterfly valve.  
MAKPEACE, J M Consolidated Edison Co of New York 80/03/10 1p

#### T Hearing transcripts on non-antitrust matters

B003120506 Transcript of 239th ACRS general meeting on B00307 Pp 1-379  
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/07 380pp

#### DOCKET 80-249 DRESDEN NUCLEAR POWER STATION, UNIT 3

#### F Security, medical, emergency & fire protection plans

B003170488 Forwards comments on supplementary items re fire protection review for facilities  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/08 4pp

B003030438 Notifies that no detection sys is needed in refueling floor fire detection sys Area has low fire loading. Make-up water & condensate cooling available in event of equipment loss  
JANECEK, R F Commonwealth Edison Co 80/02/25 2pp

B003050424 Forwards fire protection review of Items 3.1.5 & 3.1.6 re water suppression sys & gas suppression sys, respectively  
HALL, R E Brookhaven National Laboratory 80/02/28 3pp

B003040284 Forwards response to NRC 791022 request for info re safe shutdown analysis for fire. Describes means for taking plant from hot shutdown to cold shutdown. Analysis does not rely on repairs or addition of mats. Repair procedures unnecessary  
JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

B003050550 Forwards response to Item B(1) in NRC 791022 ltr & drawings re fire protection safe shutdown analysis. Control circuit design will be submitted by B00601. Drawings available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

B003180467 Forwards input on Item 3.1.2 of fire protection review re portable ventilation equipment  
HALL, R E Brookhaven National Laboratory 80/03/10 2pp

B003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone" Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

--B003210549 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone"  
\* Stone & Webster Engineering Corp 80/01/31 57pp

#### G Adjudicatory correspondence

B003070295 Forwards confirmatory order requiring licensee to install recirculation pump trip by 801231 as stated in 790329, 1130 & B00204 ltrs of commitment  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 1p

--B003070303 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D O Division of Operating Reactors 80/02/21 4pp

#### H General correspondence

B001100406 Responds to NRC 791220 ltr re facility decommissioning & petition for public hearing. Disposal of decontamination wastes is generic problem. Suggests NRC hold public hearing  
BERICK, D Environmental Policy Institute 80/01/07 1p

#### I Financial information

B003280541 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures  
NEXON, H H Commonwealth Edison Co 80/03/18 6pp

#### P Operating license stage documents & correspondence

B003170197 Forwards draft NUREG-0430, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by B00109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--B003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWER, D A Core Performance Branch 79/11/30 106pp

B003110463 Forwards addl documentation re compliance w/Section 2.1.4 of Lessons Learned Task Force Category A items. Containment isolation sys reviewed to assure that diverse containment isolation signals satisfy safety-grade requirements  
PEOPLES, D L Commonwealth Edison Co 80/02/25 57pp

B003030373 Responds to NRC B00121 ltr requesting addl info re containment vent & purge sys. All valves modified to require closed position for control switches prior to manual reset. Drawings available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

B003070396 Forwards responses to NRC B00121 questions re containment vent & purge sys. Also forwards list of process & instrumentation & schematic drawings of vent & purge sys  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

B003270346 Summary of B00222 telcon w/NRC re B00219 ltr concerning factor of safety on shell type expansion anchors on safety-related piping sys  
PEOPLES, D L Commonwealth Edison Co 80/02/29 2pp

# DOCKETED ITEMS

41

8003250353 Forwards NRC 800305 "Evaluation of Licensee Compliance w/Category A Items of NRC Recommendations Resulting from TMI-2 Lessons Learned " All requirements have been satisfactorily met  
ZIEGANN, D Operating Reactors Branch 2 80/03/05 15pp

8003180345 Responds to 800223 request for info re existing primary coolant sys pressure isolation valves  
NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

8003310175 Notification of 800320 meeting w/utills & OE in Bethesda, MD to discuss technique & analysis methodology of keyway/bore insp on turbine rotors  
HANNON, J , BEVAN, R Operating Reactors Branch 3 80/03/14 2pp

8003270371 Forwards proposed Tech Spec page changes to allow average power range monitor gain & adjustments for off-normal peaking factors Also forwards errata & addenda sheet for NEDO-24146A  
PEOPLES, D L Commonwealth Edison Co 80/03/24 2pp

--8003270372 Errata & addenda sheet for NEDO-24146A, issuing replacement for Page 4-9  
\* General Electric Co NEDO-24146A 79/12/31 2pp

--8003270373 Proposed Tech Spec page changes, allowing average power range monitor gain & adjustments for off-normal peaking factors  
\* Commonwealth Edison Co 80/03/24 14pp

## Q Inspection reports, IE Bulletins & correspondence

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003200405 Forwards IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/05 2pp

--8003200408 IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted Major areas inspected discussion of recent personnel errors  
KEPPLER, J G , SPESSARD, R L Region 3, Chicago, Office of the Director HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/01/28 4pp

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation "  
PEOPLES, D L Commonwealth Edison Co, 80/02/28, 23pp.

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003270112 Forwards master lists of plant protection sys in response to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Includes equipment required to function in event of LOCA, main steam or energy line break  
PEOPLES, D L Commonwealth Edison Co 80/03/04 91pp

8003180227 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260027 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003270220 Forwards NRC evaluation of util responses to IE Bulletin 79-08, "Events Relevant to BWRs Identified During TMI Incident "  
IPDLITO, T A Operating Reactors Branch 3 80/03/10 42pp

8003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050601 Forwards radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
STEPHENSON, B B Commonwealth Edison Co 80/02/11 1p

--8003050611 Radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept.  
\* Commonwealth Edison Co 79/12/31, 15pp

8003280349 Forwards "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/11 1p

--8003280358 "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
\* Commonwealth Edison Co 80/02/11, 16pp

8003100149 Forwards "Annual Operating Rept for 1979 "  
STEPHENSON, B B Commonwealth Edison Co 80/02/22 1p

--8003100153 "Annual Operating Rept for 1979 "  
\* Commonwealth Edison Co 80/02/22 31pp

8003180487 Forwards monthly operating repts for Feb 1980  
STEPHENSON, B B Commonwealth Edison Co, 80/03/07, 1p

## DOCKETED ITEMS

--8003180493 Monthly operating repts for Feb 1980  
CIESK1EHCZ,S Commonwealth Edison Co 80/03/04 17pp

S Reportable occurrences, LERs & related correspondence

8003040531 Forwards LER 80-005/01T-0  
STEPHENSON,B B Commonwealth Edison Co 80/02/25 2pp

--8003040539 LER 80-005/01T-0 on 800213, while in S/D mode, MSIV scram  
limit switches were checked & of 16 limit switches, two found  
to have setpoints greater than 10% Caused by switch out of  
caliber Limit switches readjusted  
KOVCHYNSKY, M Commonwealth Edison Co 80/02/25 1p

8003050370 Forwards LER 80-004/03L-0  
STEPHENSON,B B Commonwealth Edison Co 80/02/28 1p

--8003050373 LER 80-004/03L-0 on 800202, while increasing load by 2 Mwe  
per hour, alarms received in control room indicating failed  
jet pump Jet pump #3 failed Cause & corrective action will  
be described in supplemental rept  
\* Commonwealth Edison Co 80/02/28 3pp

8003190551 Forwards LER 80-007/03L-0  
STEPHENSON,B B Commonwealth Edison Co 80/03/12 1p

--8003190569 LER 80-007/03L-0 on 800209, during local leak rate test of  
containment vent line, measured leakage exceeded Tech Specs  
Investigation showed valve AD-3-1601-23 leaking through  
Caused by normal expected wear of rubber seats  
DUNBAR, J Commonwealth Edison Co 80/03/12 2pp

8003190549 Forwards LER 80-006/03L-0  
STEPHENSON,B B Commonwealth Edison Co 80/03/13 1p

--8003190576 LER 80-006/03L-0 on 800215, during local leak rate test  
performed on A feedwater inboard check valve 3-220-5BA  
measured leakage exceeded Tech Specs Caused by worn seat/  
disc assembly pins  
CIESLA, T A Commonwealth Edison Co 80/03/13 2pp

KET 50-250 TURKEY POINT PLANT, UNIT 3

Security, medical, emergency & fire protection plans

8003070005 Notification of 800226-28 meeting w/util, state & local  
officials & public in Homestead, FL re emergency plans  
SCHWENCER, A Operating Reactors Branch 1 80/02/20 3pp

8003070293 Notification of 800227-28 meetings w/util, state & county  
officials & public in Homestead, FL to discuss emergency  
plans for facility  
GROTHENHUIS, M Operating Reactors Branch 1 80/02/20 1p

8003210402 Responds to NRC 791129 ltr re evacuation time estimates  
Final repts will be submitted by 800430  
UHRIG, R E Florida Power & Light Co 80/03/18 1p

Adjudicatory correspondence

8003040320 Confirms telcon re pleadings to be served on N Chonin & HH  
Harnage on behalf of M Oncavage Updated svc list encl  
COLL, N A Steel, Hector & Davis 80/01/31 4pp

8003060709 Requests to make limited appearance statement at licensing  
prehearing  
NEHELL, J R Affiliation Unknown 80/02/15 1p

8003190097 Advises that schedule for issuance of EIS per Commission  
800304 memorandum & order, will be provided when established  
Issuance of EIS eliminates Contention 1 in proceeding  
GOLDBERG, S C Hearing Branch 2 80/03/06 1p

1 800225 motion to withdraw as  
ve in steam generator

ning Board Panel 80/03/11 1p

8003270008 Order granting MP Oncavage counsel RA Marshall 800229 motion  
to withdraw from proceeding re DL amend to permit steam  
generator repairs Certificate of Svc encl  
BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/11  
3pp

H General correspondence

8003110662 Comments on documents reviewed indicating steam generators  
to be in advanced stage of degradation Recently completed  
insp & maint program produced discovery of metal fragments  
in Generators 3B & 3C Requests NPC hearing in Miami  
ONCAVAGE, M P Oncavage, Mart 80/01/29 2pp

J Insurance & indemnity information

8003040613 Advises of util request to amend Indemnity Agreement B-46 to  
incorporate expanded Nuclear Mutual Limited "Nuclear Area"  
illustrated on attached Drawing 5610-6-2A, Revision 1 plus  
turning basin portion of intake canal  
DINITZ, I Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div  
80/02/25 2pp

8003250430 Forwards Endorsement 51 to NELIA Policy NF-185  
FICHLER, J Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc  
Div 80/03/19 3pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
PONERS, D A Core Performance Branch NUREG-0630 79/11/30  
106pp

8003060624 Notices of completion of generic bounding review re  
inadvertent safety injection during cooldown No further  
licensing action necessary since facility could most likely  
withstand more than 50 ECCB actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003130274 Forwards safety evaluation re steam generator water hammer  
Technical evaluation by EG&G Idaho, Inc also encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/04 2pp

--8003130280 Safety evaluation concluding steam generator water hammer is  
not likely to occur at facilities  
\* Office of Nuclear Reactor Regulation 80/01/31 3pp

--8003130287 "Steam Generator Water Hammer Technical Evaluation"  
\* EG & O, Inc 80/01/31 8pp

8003190783 Advises that review of proposed mods to Tech Specs re low-  
low generator water level reactor trip setpoint change has  
been completed & are acceptable Forwards safety  
evaluation  
LAINAS, O Plant Systems Branch 80/02/19 1p

--8003190797 Safety evaluation supporting mods to Tech Specs re low-low  
generator water level reactor trip setpoint change Mod will  
increase min setpoint from 5 to 15% of narrow range  
instrument scale  
\* Plant Systems Branch 80/02/19 2pp

8003170057 Forwards safety evaluation supporting util actions re  
cracking in feedwater sys piping Nondestructive insps &  
analyses sufficient to ensure piping integrity until  
completion of further study  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 3pp

--8003170059 Safety evaluation supporting actions in response to IE  
Bulletin 79-13 "Cracking in Feedwater Piping"  
\* Operating Reactors Branch 1 80/02/22 2pp

8003130023 Notices of data indicating fission gas release rate from  
LMR fuel pellets increases w/burnup No licensing action  
required for operating reactors Users of Westinghouse fuel  
must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003040474 Request amends to Licenses DPR-31 & DPR-41 revising Tech  
Specs re control rod position & rod position indication  
Tech Specs Pages 3 2-2 & 3 2-3 & Table 4 1-1 encl  
UHRIG, R E Florida Power & Light Co 80/02/27 2pp

--8003040478 Revised Pages 3 2-2 & 3 2-3 & Table 4 1-1 to Tech Specs re  
control rod position & rod position indication  
\* Florida Power & Light Co 80/02/27 3pp

# DOCKETED ITEMS

43

8003280382 Notification of 800304 meeting in Bethesda, MD to discuss steam generator plugging program  
GROTEHUIS, M Operating Reactors Branch 1 80/02/27 2pp

8003040494 Forwards Attachment 1 to 800123 ltr submitting info re potential effect of new fuel clad research data on ECCS analysis Page omitted from original submittal  
UHRIG, R E Florida Power & Light Co 80/02/28 5pp

8003060565 Forwards tables containing max predicted values of Fq for Unit 3, for 1/16 of Cycle 7, & Unit 4, Cycle 6 for burnup greater than 3,770 MWD/MTU Tables forwarded for info only  
UHRIG, R E Florida Power & Light Co 80/03/03 3pp

8003200007 Summary of 800111 meeting w/Brechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003110605 Forwards addl info in support of 800213 request for DL amend changing Tech Specs to Fq limit of 1.99  
UHRIG, R E Florida Power & Light Co 80/03/05 8pp

8003110563 Forwards info re check valve cycling in response to NRC 791130 ltr Valve program meets ASME Section XI code requirements except for specific relief requested  
UHRIG, R E Florida Power & Light Co 80/03/06 3pp

8003170268 Forwards addl documentation requested during NRC Jan 1980 short term TMI-2 Lessons Learned Task Force implementation review Info re emergency power supply, direct indication of valve position & plant shielding review included  
UHRIG, R E Florida Power & Light Co 80/03/10 43pp

8003200384 Forwards response to NRC 800223 ltr re LWR primary coolant sys pressure isolation valves Surveillance tests to assess check valve status are not being performed on check valves in Event V arrangements Flow diagrams encl  
UHRIG, R E Florida Power & Light Co 80/03/17 6pp

8003210425 Responds to 791119 ltr requesting addl info on condensate polishing demineralizers & steam generator repair Installation of demineralizer sys does not require mod to Tech Specs  
UHRIG, R E Florida Power & Light Co 80/03/18 13pp

--8003210428 "Disposal of Spent Powder Ion Exchange Matls." for FL Power & Light Co  
KUNIN, R Affiliation Unknown 79/10/25 8pp

8003240424 Forwards addl info re implementation schedules for TMI short-term Lessons Learned Task Force requirements, per NRC 800306 request Describes containment isolation mode, revised operating procedures & control switch mods  
UHRIG, R E Florida Power & Light Co 80/03/19 3pp

8003240534 Forwards suppl to proposed Tech Spec amend to Licenses DPR-31 & DPR-41 submitted on 7/01/25  
UHRIG, R E Florida Power & Light Co 80/03/20 6pp

--8003240538 Application to amend App A of Licenses DPR-31 & 41 to change Tech Specs, Table 4 i-i re load & flux curves  
UHRIG, R E Florida Power & Light Co 77/01/25 1p

--8003240543 Proposed Tech Spec change, Table 4 i-i re test of instrument channels  
\* Florida Power & Light Co 77/01/25 1p

--8003240545 Safety evaluation supporting amend to App A of Licenses DPR-31 & 41  
\* Florida Power & Light Co 77/01/25 2pp

8003260281 Forwards response to NRC 800225 ltr re disc integrity in Westinghouse 1800 RPM low pressure nuclear turbines Application for withholding proprietary info & affidavit encl Portion of response withheld (ref 10CFR2.790)  
UHRIG, R E Florida Power & Light Co 80/03/20 19pp

## 0 Inspection reports, IE Bulletins & correspondence

8003270252 Forwards IE Insp Repts 50-250/79-32 & 50-251/79-32 on 791114-15 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/07 2pp

--8003270260 IE Insp Repts 50-250/79-32 & 50-251/79-32 on 791114-15 No noncompliance noted Major areas inspected IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys"  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch COMPTON, R M Region 2, Atlanta, Office of the Director 80/01/04 4pp

8003190598 Forwards IE Insp Repts 50-250/79-38 & 50-251/79-38 on 791212-14 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/08 2pp

--8003190602 IE Insp Repts 50-250/79-38 & 50-251/79-38 on 791212-14 No noncompliance noted Major areas inspected pipe support baseplate designs using concrete expansion anchor bolts, procedures, work activities & records  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ANGL, W P Region 2, Atlanta, Office of the Director 80/01/07 4pp

8003060668 Forwards IE Insp Repts 50-250/79-37 & 50-251/79-37 on 791211-14 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/24 2pp

--8003060675 IE Insp Repts 50-250/79-37 & 50-251/79-37 on 791211-14 No noncompliance noted Major areas inspected security plan, organization, protected area physical barriers & vital area physical barriers Details withheld (ref 10CFR2.790)  
TOBIN, W J Region 2, Atlanta, Safeguards Branch PERNY, C D Region 2, Atlanta, Office of the Director 80/01/22 1p

8003120735 Forwards IE Insp Repts 50-250/79-34 & 50-251/79-34 on 791210-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/29 2pp

--8003120740 IE Insp Repts 50-250/79-34 & 50-251/79-34 on 791210-14 No noncompliance noted Major areas inspected previous insp findings re QA insp on 790312-16 & 17-21  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch BROWN, E E, V L, ASHENDEN, M C Region 2, Atlanta, Office of the Director 80/01/25 7pp

8003110211 Forwards IE Insp Repts 50-250/79-42 & 50-251/79-42 on 791226-27 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/30 2pp

--8003110216 IE Insp Repts 50-250/79-42 & 50-251/79-42 on 791226-27 No noncompliance noted Major areas inspected nuclear matl control, accounting procedures control, audit of records & repts, storage & internal control  
GILLESPIE, F P, TODD, G A Region 2, Atlanta, Safeguards Branch 80/01/25 3pp

8003190107 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120027 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003190616 Forwards IE Insp Repts 50-250/80-01 & 50-251/80-01 on 800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190624 IE Insp Repts 50-250/80-01 & 50-251/80-01 on 800108-11 No noncompliance noted Major areas inspected inservice insp data review & evaluation, welding & nondestructive testing, IE Bulletin 79-13 & LP Insp of nozzle/safe ends  
HERDT, A R, BLAKE, J Region 2, Atlanta, Office of the Director 80/02/01 6pp

8003180060 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190422 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

## DOCKETED ITEMS

8003070006 Forwards safety analysis & notifies that evaluation of plant re cracking in feedwater sys complete Nondestructive insp & analyses performed for flawed piping sufficient pending owner group & NRC Pipe Crack Study Group recommendations  
SCHWENGER, A Operating Reactors Branch 1 80/02/22 4pp

8003140423 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D Q Division of Operating Reactors 80/02/25 3pp

8003140041 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180177 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190020 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003240085 Responds to IE Bulletin 79-27, "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation " No design mods needed Results of prior review of IE Circular 79-02 remain valid & support conclusions  
UHRIG, R E Florida Power & Light Co 80/03/03 2pp

8003180137 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140400 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 14pp

8003180074 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180305 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270024 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260219 Forwards IE Bulletin 80-04, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250565 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260171 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### R Periodic operating reports & related correspondence

8003180344 Forwards "Radioactive Effluent Release Data, Jul-Dec 1979," & "Environ Radiological Monitoring Program Summary, Jul-Dec 1979 "  
UHRIG, R E Florida Power & Light Co 80/03/03 1p

--8003180415 "Radioactive Effluent Release Data, Jul-Dec 1979 "  
\* Florida Power & Light Co 80/02/22 16pp

--8003180422 "Environ Radiological Monitoring Program Summary, Jul-Dec 1979 "  
\* Florida Power & Light Co 80/02/22 12pp

8003240346 Forwards "Rept of Personnel Exposure for 1979 "  
UHRIG, R E Florida Power & Light Co 80/03/20 1p

--8003240348 "Rept of Personnel Exposure for 1979 "  
\* Florida Power & Light Co 80/03/20 1p

#### S Reportable occurrences, LERs & related correspondence

8003170470 Forwards LER 80-002/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/03 1p

--8003170471 LER 80-002/03L-0 on 800203, during startup, Units 3 & 4 condensate storage tanks decreased to less than 185,000-gallon requirement Caused by excessive water treatment plant output during Unit 3 power physics testing  
SCHOPPMAN, M A Florida Power & Light Co 80/03/03 2pp

8003310300 Forwards LER 80-003/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/13 1p

--8003310305 LER 80-003/03L-0 on 800212, during power escalation following refueling, reactor power indicated by power range nuclear instrumentation was low Caused by bypass valve on feedwater transmitter 3B not fully closed & NIS improperly adjusted  
SCHOPPMAN, M A Florida Power & Light Co 80/03/13 2pp

#### DOCKET 80-251 TURKEY POINT PLANT, UNIT 4

#### F Security, medical, emergency & fire protection plans

8003070005 Notification of 800226-28 meeting w/util, state & local officials & public in Homestead, FL re emergency plans  
SCHWENGER, A Operating Reactors Branch 1 80/02/20 3pp

8003070293 Notification of 800227-28 meetings w/util, state & county officials & public in Homestead, FL to discuss emergency plans for facility  
GROTHENHUIS, M Operating Reactors Branch 1 80/02/20 1p

8003210402 Responds to NRC 791129 ltr re evacuation time estimates  
Final repts will be submitted by 800430  
UHRIG, R E Florida Power & Light Co 80/03/18 1p

#### G Adjudicatory correspondence

8003040320 Confirms telcon re pleadings to be served on N Chonin & HH Harnage on behalf of M Onclave Updated svc list encl  
COLL, N A Steel, Hector & Davis 80/01/31 4pp

8003060709 Requests to make limited appearance statement at licensing prehearing  
NEWELL, J R Affiliation Unknown 80/02/15 1p

8003120814 Order modifying 800102 show cause order to require Unit 2 shutdown after Unit 1 reaches full power & Unit 3 shutdown on 800315 Qualified person must be provided in control room to monitor certain valves  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

8003190064 Forwards NRC 800207 & 22 ltrs & order modifying 800102 show cause order re request for notification of decision concerning electric sys reliability impacts associated w/ implementation YH1-2 short-term requirements  
YOUNGBLOOD, B J Division of Site Safety & Environmental Analysis 80/02/26 2pp

--8003190073 Forwards order modifying 800102 show cause order for facilities in response to 800115 request to allow sequential shutdown of plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp

--8003190077 Order modifying 800102 order to show cause why licensee should not implement all Category A lessons learned requirements by 800215 shutdown facilities  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

--8003190081 Forwards order modifying 800102 show cause order in response to completed review of power reliability info & status of implementation of Category A requirements Good cause has been shown to extend shutdown to 800315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp

# DOCKETED ITEMS

45

B003190077 Advises that schedule for issuance of EIS per Commission B00304 memorandum & order, will be provided when established issuance of EIS eliminates Contention 1 in proceeding GOLDBERG, S C Hearing Branch 2 80/03/06 1p

B003250171 Order granting RA Marshall B00225 motion to withdraw as intervenor MP Oncavage representative in steam generator repairs proceeding BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/11 1p

B003270008 Order granting MP Oncavage counsel RA Marshall B00229 motion to withdraw from proceeding re DL amend to permit steam generator repairs Certificate of Svc encl BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/11 3pp

## H General correspondence

B003110662 Comments on documents reviewed indicating steam generators to be in advanced stage of degradation Recently completed insp & maint program produced discovery of metal fragments in Generators 3B & 3C Requests NRC hearing in Miami ONCAGAVE, M P Oncavage, Mark 80/01/29 2pp

## J Insurance & indemnity information

B003040613 Advises of util request to amend Indemnity Agreement B-46 to incorporate expanded Nuclear Mutual Limited "Nuclear Area" illustrated on attached Drawing 5610-4-2A, Revision 1 plus turning basin portion of intake canal DINITZ, I Marsh & McLennan, Inc. M & M Nuclear Consultants, Inc Div 80/02/25 2pp

B003250430 Forwards Endorsement 51 to NELIA Policy NF-185 FIEDLER, J Marsh & McLennan, Inc. M & M Nuclear Consultants, Inc Div 80/03/19 3pp

## P Operating license stage documents & correspondence

B003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by B00109 EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

---B003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis" POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

B003060624 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCB activations SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

B003130274 Forwards safety evaluation re steam generator water hammer Technical evaluation by EG&G Idaho, Inc also encl SCHWENCER, A Operating Reactors Branch 1 80/02/04 2pp

---B003130280 Safety evaluation concluding steam generator water hammer is not likely to occur at facilities \* Office of Nuclear Reactor Regulation 80/01/31 3pp

---B003130287 "Steam Generator Water Hammer Technical Evaluation" \* EG & G, Inc 80/01/31 8pp

B003190783 Advises that review of proposed mods to Tech Specs re low-low generator water level reactor trip setpoint change has been completed & are acceptable Forwards safety evaluation LAINAB, O Plant Systems Branch 80/02/19 1p

---B003190799 Safety evaluation supporting mods to Tech Specs re low-low generator water level reactor trip setpoint change Mod will increase min setpoint from 5 to 15% of narrow range instrument scale \* Plant Systems Branch 80/02/19 2pp

B003170057 Forwards safety evaluation supporting util actions re cracking in feedwater sys piping Nondestructive insps & analyses sufficient to ensure piping integrity until completion of further study SCHWENCER, A Operating Reactors Branch 1 80/02/22 3pp

---B003170059 Safety evaluation supporting actions in response to IE Bulletin 79-13 "Cracking in Feedwater Piping" \* Operating Reactors Branch 1 80/02/22 2pp

B003130023 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

B003100180 Forwards NRC B00207, 14 & 22 ltrs re energy supply during unit shutdown & order modifying B00102 show cause order, in response to B00201 & 05 request for NRC decision YOUNGBLOOD, R J Cost Benefit Analysis Branch 80/02/26 2pp

---B003100192 Forwards order modifying B00102 show cause order for Facilities Order extends Unit 3 shutdown to B00315 DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp

---B003100195 Forwards order modifying B00102 show cause order for facility Order extends Unit 1 shutdown to B00315 DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

---B003100200 Forwards Amend 44 to License DPR-41 reflecting changes to Tech Specs in response to B00123 application W/o encl SCHWENCER, A Operating Reactors Branch 1 80/02/22 1p

---B003100205 Approves continued operation of unit through B00331 until containment isolation circuitry is installed, in compliance w/Lesson Learned Task Force Requirement 2.1.4 REID, R W Operating Reactors Branch 4 80/02/15 2pp

---B003100208 Summarizes DOE review re impact on energy supply in FL during shutdown of nuclear generating units in Feb & March Reliable svc cannot be maintained Request NRC decision WEINER, R E Energy Dept of 80/02/05 4pp

---B003100214 Summarizes DOE review re impact on energy supply in VA, NC & SC during implementation of TMI-2 Lessons Learned Task Force short-term requirements Reliable svc cannot be maintained Requests NRC decision WEINER, R E Energy Dept of 80/02/01 4pp

B003040474 Request amends to Licensees DPR-31 & DPR-41 revising Tech Specs re control rod position & rod position indication Tech Specs Pages 3-2-2 & 3-2-3 & Table 4-1-1 encl UHRIG, R E Florida Power & Light Co 80/02/27 2pp

---B003040478 Revised Pages 3-2-2 & 3-2-3 & Table 4-1-1 to Tech Specs re control rod position & rod position indication \* Florida Power & Light Co 80/02/27 3pp

B003280382 Notification of B00304 meeting in Bethesda, MD to discuss steam generator plugging program GROTHENHUIS, M Operating Reactors Branch 1 80/02/27 2pp

B003040494 Forwards Attachment 1 to B00123 ltr submitting info re potential effect of new fuel clad research data on ECCS analysis Page omitted from original submittal UHRIG, R E Florida Power & Light Co 80/02/28 5pp

B003060565 Forwards tables containing max predicted values of Fq for Unit 3, for life of Cycle 7, & Unit 4, Cycle 6 for burnup greater than 3,770 MWD/MTU Tables forwarded for info only UHRIG, R E Florida Power & Light Co 80/03/03 3pp

B003200007 Summary of B00111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

B003110605 Forwards addl info in support of B00213 request for DL amend changing Tech Specs to Fq limit of 1.97 UHRIG, R E Florida Power & Light Co 80/03/05 8pp

B003110563 Forwards info re check valve cycling in response to NRC 79130 ltr Valve program meets ASME Section XI code requirements except for specific relief requested UHRIG, R E Florida Power & Light Co 80/03/06 3pp

B003170268 Forwards addl documentation requested during NRC Jan 1980 short term TMI-2 Lessons Learned Task Force implementation review Info re emergency power supply, direct indication of valve position & plant shielding review included UHRIG, R E Florida Power & Light Co 80/03/10 43pp

B003200384 Forwards response to NRC B00223 ltr re LWR primary coolant sys pressure isolation valves Surveillance tests to assess check valve status are not being performed on check valves in Event V arrangements Flow diagrams encl UHRIG, R E Florida Power & Light Co 80/03/17 6pp



## DOCKETED ITEMS

8003210425 Responds to 791119 ltr requesting addl info on condensate polishing demineralizers & steam generator repair  
Installation of demineralizer sys does not require mod to Tech Specs  
UHRIG, R E Florida Power & Light Co 80/03/18 13pp

--8003210428 "Disposal of Spent Powder Ion Exchange Matls," for FL Power & Light Co  
KUNIN, R Affiliation Unknown 79/10/25 6pp

8003210430 Forwards response to NRC 800229 request for info re disc integrity in Westinghouse 1800 rpm low pressure nuclear turbine Certain Westinghouse identified info withheld (ref 10CFR2 790) Westinghouse withholding application encl  
UHRIG, R E Florida Power & Light Co 80/03/19 11pp

8003240424 Forwards addl info re implementation schedules for TMI short-term Lessons Learned Task Force requirements, per NRC 800306 request Describes containment isolation mods, revised operating procedures & control switch mods  
UHRIG, R E Florida Power & Light Co 80/03/19 3pp

8003240534 Forwards suppl to proposed Tech Spec amend to Licenses DPR-31 & DPR-41 submitted on 770125  
UHRIG, R E Florida Power & Light Co 80/03/20 6pp

--8003240538 Application to amend App A of Licenses DPR-31 & 41 to change Tech Specs, Table 4 i-1 re load L flux curves  
UHRIG, R E Florida Power & Light Co 77/01/25 1p

--8003240543 Proposed Tech Spec change, Table 4 i-1 re test of instrument channels  
\* Florida Power & Light Co 77/01/25 1p

--8003240545 Safety evaluation supporting amend to App A of Licenses DPR-31 & 41  
\* Florida Power & Light Co 77/01/25 2pp

#### 0 Inspection reports, IE Bulletins & correspondence

8003270252 Forwards IE Insp Repts 50-250/79-32 & 50-251/79-32 on 791114-15 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/07 2pp

--8003270260 IE Insp Repts 50-250/79-32 & 50-251/79-32 on 791114-15 No noncompliance noted Major areas inspected IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys"  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch COMPTON, R M Region 2, Atlanta, Office of the Director 80/01/04 4pp

8003190598 Forwards IE Insp Repts 50-250/79-38 & 50-251/79-38 on 791212-14 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/08 2pp

--8003190602 IE Insp Repts 50-250/79-38 & 50-251/79-38 on 791212-14 No noncompliance noted Major areas inspected pipe support baseplate designs using concrete expansion anchor bolts, procedures, work activities & records  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ANO, W P Region 2, Atlanta, Office of the Director 80/01/07 4pp

8003060668 Forwards IE Insp Repts 50-250/79-37 & 50-251/79-37 on 791211-14 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/24 2pp

--8003060675 IE Insp Repts 50-250/79-37 & 50-251/79-37 on 791211-14 No noncompliance noted Major areas inspected security plan, organization, protected area physical barriers & vital area physical barriers Details withheld (ref 10CFR2 790)  
TOBIN, M J Region 2, Atlanta, Safeguards Branch, PERNY, C D Region 2, Atlanta, Office of the Director 80/01/22 1p

8003120735 Forwards IE Insp Repts 50-250/79-34 & 50-251/79-34 on 791210-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/29 2pp

--8003120740 IE Insp Repts 50-250/79-34 & 50-251/79-34 on 791210-14 No noncompliance noted Major areas inspected previous insp findings re QA insp on 790312-16 & 19-21.  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch BROWNLEE, V L, ABHENDEN, M C Region 2, Atlanta, Office of the Director 80/01/25 7pp

8003110211 Forwards IE Insp Repts 50-250/79-42 & 50-251/79-42 on 791226-27 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/30 2pp

--8003110216 IE Insp Repts 50-250/79-42 & 50-251/79-42 on 791226-27 No noncompliance noted Major areas inspected nuclear matl control, accounting procedures control, audit of records & repts, storage & internal control  
GILLESPIE, F P, TODD, G A Region 2, Atlanta, Safeguards Branch 80/01/25 3pp

8003190107 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120027 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/05 1p

8003190616 Forwards IE Insp Repts 50-250/80-01 & 50-251/80-01 on 800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190624 IE Insp Repts 50-250/80-01 & 50-251/80-01 on 800108-11 No noncompliance noted Major areas inspected inservice insp data review & evaluation, welding & nondestructive testing, IE Bulletin 79-13 & LP insp of nozzle/safe ends  
HERDT, A R, BLAKE, J Region 2, Atlanta, Office of the Director 80/02/01 6pp

8003180060 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190422 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003070006 Forwards safety analysis & notifies that evaluation of plant re cracking in feedwater sys complete Nondestructive insp & analyses performed for flawed piping sufficient pending owner group & NRC Pipe Crack Study Group recommendations  
SCHWENGER, A Operating Reactors Branch 1 80/02/22 4pp

8003120676 Advises of greater probability of potential problem w/crack formation in keyway & bore sections of Westinghouse 1800 rpm low pressure turbines Forwards request for addl info re turbine discs Response required within 20 days of receipt  
EISENHUT, D Q Division of Operating Reactors 80/02/25 5pp

8003140041 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180177 Forwards supplemental info to IE Bulletin 79-018, "Environment Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190020 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003240085 Responds to IE Bulletin 79-27, "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation" No design mods needed Results of prior review of IE Circular 79-02 remain valid & support conclusions  
UHRIG, R E Florida Power & Light Co 80/03/03 2pp

8003180137 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140400 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 14pp

# DOCKETED ITEMS

47

8003180074 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180305 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270024 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003190439 Requests addl month beyond currently authorized nine months for operation prior to next steam generator insp Forwards info presented at 800304 meeting w/NRC & lists technical justifications for addl month of operation W/Class III fee  
UHRIG, R E Florida Power & Light Co 80/03/11 20pp

8003260219 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003190489 Forwards steam generator insp program planned for Apr 1980  
UHRIG, R E Florida Power & Light Co 80/03/14 2pp

8003230565 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260171 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## R Periodic operating reports & related correspondence

8003180344 Forwards "Radioactive Effluent Release Data, Jul-Dec 1979, " & "Environ Radiological Monitoring Program Summary, Jul-Dec 1979 "   
UHRIG, R E Florida Power & Light Co 80/03/03 1p

--8003180415 "Radioactive Effluent Release Data, Jul-Dec 1979 " \* Florida Power & Light Co 80/02/22 16pp

--8003180422 "Environ Radiological Monitoring Program Summary, Jul-Dec 1979 " \* Florida Power & Light Co 80/02/22 12pp

8003240346 Forwards "Rept of Personnel Exposure for 1979, "   
UHRIG, R E Florida Power & Light Co 80/03/20 1p

--8003240348 "Rept of Personnel Exposure for 1979 " \* Florida Power & Light Co 80/03/20 1p

## S Reportable occurrences, LERs & related correspondence

8003170187 PNO-II-80-026 on 800214, Unit 4 tripped from 56% power when main feed regulator valve 4C failed open Failure caused high steam generator level resulting in isolation of main feedwater for steam generator & subsequent turbine trip  
ELROD, B A, MARTIN, R D Region 2, Atlanta, Office of the Director 80/02/14 1p

8003310285 Forwards LER 80-002/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/17 1p

--8003310289 LER 80-002/03L-0 on 800214, for 17-h during hot shutdown, condensate storage tank contained less than 185,000 gallons required by Tech Specs Caused by failed seal w/resulting gear damage on agitator transmission Agitator was replaced.  
SCHOPPMAN, M A Florida Power & Light Co 80/03/17, 2pp.

8003310325 Forwards LER 80-004/03L-0.  
SCHMIDT, A D Florida Power & Light Co 80/03/17. 1p.

--8003310330 LER 80-004/03L-0 on 800214, while at hot shutdown, condensate storage tank contained less than 185,000 gallons for 4-h. Caused by broken drive belt on agitator Motor remounted to accept available drive belt  
SCHOPPMAN, M A Florida Power & Light Co 80/03/17 2pp

## DOCKET 80-252 UNIV OF NEW MEXICO RESEARCH REACTOR

G Inspection reports, IE Bulletins & correspondence

8003110406 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01. 1p

## DOCKET 80-254 QUAD-CITIES STATION, UNIT 1

F Security, medical, emergency & fire protection plans

8003170488 Forwards comments on supplementary items re fire protection review for facilities  
MACDUGALL, E A Brookhaven National Laboratory 79/10/08 App

8003030438 Notifies that no detection sys is needed in refueling floor fire detection sys Area has low fire loading Make-up water & condensate cooling available in event of equipment loss.  
JANECEK, R F Commonwealth Edison Co 80/02/25 2pp.

8003040284 Forwards response to NRC 791022 request for info re safe shutdown analysis for fire Describes means for taking plant from hot shutdown to cold shutdown Analysis does not rely on repairs or addition of parts Repair procedures unnecessary  
JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

8003050650 Forwards response to Item 8(1) in NRC 791022 ltr & drawings re fire protection safe shutdown analysis Control circuit design will be submitted by 800601. Drawings available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/29. 7pp

8003140251 Forwards "Fire Protection Safe Shutdown Analysis, Suppl 2, Cold Shutdown "   
JANECEK, R F Commonwealth Edison Co 80/03/04 1p

--8003140269 "Fire Protection Safe Shutdown Analysis, Suppl 2, Cold Shutdown " \* Commonwealth Edison Co 80/01/31. 12pp

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co. 80/03/11. App

--8003210555 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " \* Stone & Webster Engineering Corp 80/01/31 31pp.

## O Adjudicatory correspondence

8003070295 Forwards confirmatory order requiring licensee to install recirculation pump trip by 801231 as stated in 790329, 1130 & 800204 ltrs of commitment  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/21. 1p

--8003070305 Confirmatory order requiring licensee to install recirculation pump trip or in alternative, place & maintain facility in cold shutdown or refueling mode of operation by 801231  
EISENHUT, D O Division of Operating Reactors 80/02/21. App

## H General correspondence

8003180622 Requests facility 790722 SER & placement on NRC mailing list for future updated SERs  
HALL, R E Brookhaven National Laboratory 80/03/06 1p

## I Financial information

8003250941 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures.  
NEXON, H H Commonwealth Edison Co. 80/03/18. App

## DOCKETED ITEMS

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003040068 Discusses 800124 meeting w/util at site re safety impact assessment of near-term DL issues in NUREG-0660 Info provided by util will be considered in NRC actions re resumption of issuance of QLS  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/22 1p

8003110463 Forwards addl documentation re compliance w/Section 2.1.4 of Lessons Learned Task Force Category A items Containment isolation sys reviewed to assure that diverse containment isolation signals satisfy safety-grade requirements  
PEOPLES, D L Commonwealth Edison Co 80/02/25 57pp

8003190005 Confirms 800219 telcon informing of 800227 meeting w/util in Glen Ellyn, IL to discuss radioactive matl transportation, specific transportation regulation violation & NRC enforcement options  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/25 1p

8003030373 Responds to NRC 800121 ltr requesting addl info re containment vent & purge sys All valves modified to require closed position for control switches prior to manual reset Drawings available in Central Files only  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003070396 Forwards responses to NRC 800121 questions re containment vent & purge sys Also forwards list of process & instrumentation & schematic drawings of vent & purge sys  
JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003270346 Summary of 800222 telcon w/NRC re 800219 ltr concerning factor of safety on shell type expansion anchors on safety-related piping sys  
PEOPLES, D L Commonwealth Edison Co 80/02/29 2pp

8003190457 Forwards listing of changes tests & experiments completed at facility during Feb 1980 Summary of safety evaluation included  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/05 3pp

8003250353 Forwards NRC 800305 "Evaluation of Licensee Compliance w/Category A Items of NRC Recommendations Resulting from TMI-2 Lessons Learned" All requirements have been satisfactorily met  
ZIEHANN, D Operating Reactors Branch 2 80/03/05 15pp

8003180345 Responds to 800223 request for info re existing primary coolant sys pressure isolation valves  
HAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

8003240464 Forwards proposed amends to App A Tech Specs to include extended exposure max average planar linear heat generation rate curves Extended exposures for fuel types have been analysed by GE & incorporated into NEDG-24146A  
PEOPLES, D L Commonwealth Edison Co 80/03/19 2pp

--8003240471 Errata & Addenda Sheet 2, replacing Page 4-9 to "LOCA Analysis Rept for Facilities"  
\* General Electric Co NEDG-24146A 79/04/30 3pp

--8003240482 Proposed Tech Spec page changes, replacing Pages 3.5/4.5-9 Figure 3.5-1 (Sheet 1 of 4), Figure 3.5-1 (Sheet 2 of 4), Figure 3.5-1 (Sheet 3 of 4) & Figure 3.5-1 (Sheet 4 of 4)  
\* Commonwealth Edison Co 80/03/19 6pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003040349 Appeals denial of FOIA request for NRC rept re investigation of alleged security breaches at facilities  
RUNNINGEN, R Affiliation Unknown 80/01/20 1p

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003200405 Forwards IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/05 2pp

--8003200408 IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted Major areas inspected discussion of recent personnel errors  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/28 4pp

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003280647 Ack receipt of 800117 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-254/79-27 & 50-265/79-24  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/06 1p

--8003280654 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-254/79-27 & 50-265/79-24 Corrective actions weeds & brush removed from isolation area Portions withheld (ref 10CFR2.790)  
PEOPLES, D L Commonwealth Edison Co 80/01/17 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003310440 Forwards Waste Packaging Insp Rept 79-06A on 791126-28 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/13 2pp

--8003310452 Waste Packaging Insp Rept 79-06A on 791126-28 No noncompliance noted Major areas inspected shipping paper & DOT placarding requirements, radiation levels, removable contamination & DOT marking & labeling requirements  
PATTER, J P, BROWN, R A Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/13 4pp

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition" Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003040367 Responds to appeal re denial of FOIA request for NRC rept concerning investigation of alleged security breaches NRC & FBI conclude that info release would jeopardize enforcement actions Document withheld (ref FOIA Exemption 7)  
DIRCKS, W J Office of Nuclear Material Safety & Safeguards 80/02/26 1p

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation"  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

# DOCKETED ITEMS

49

8003270112 Forwards master lists of plant protection sys in response to IE Bulletin 79-018, "Environ Qualification of Class IE Equipment " Includes equipment required to function in event of LOCA, main steam or energy line break  
PEOPLES, D L Commonwealth Edison Co 80/03/04 91pp

8003180229 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003270280 Forwards NRC evaluation of util responses to IE Bulletin 79-08, "Events Relevant to BWRs Identified During TMI Incident "  
IPPOLITO, T A Operating Reactors Branch 3 80/03/10, 42pp

8003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003280070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050417 Forwards errata sheet for semiannual rept for Apr-June, 1979 & semiannual rept for radioactive effluents & occupational radiation exposure for Jul-Dec, 1979  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/06 1p

--8003050419 Errata sheet for effluent & waste disposal semiannual rept, Apr-June 1979  
\* Commonwealth Edison Co 80/02/06 1p

--8003050423 Semiannual rept for radioactive effluents & occupational radiation exposures for July-Dec 1979  
\* Commonwealth Edison Co 80/02/06 18pp

## S Reportable occurrences, LERs & related correspondence

8003060628 FOIA request for info re facility security, 760321 overexposure incident, 791209 radioactive water release & 791204 sabotage attempt  
ROMIC, B Affiliation Unknown 80/01/25 1p

8003210177 Forwards info re missing section of weld on exposed Fuel Channel 91738 during channeling operations in spent fuel storage pool Weld failure due to specific mfg defect unique to channel & aggravated by rough handling  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/14, 2pp

8003060637 Responds to FOIA request for info re facility security, 760321 overexposure incident, 791209 radioactive water release & 791204 sabotage attempt Forwards documents listed in App A No document available re grand jury inquest  
FELTON, J M Division of Rules and Records 80/02/21, 3pp

--8003060644 Forwards IE Insp Repts 80-254/76-10 & 80-265/76-08 re insp on 760330-0402.  
FIORELLI, O Region 3, Chicago, Reactor Operations Nuclear Support Branch, 76/04/21 2pp

--8003060682 IE Insp Rept 80-254/76-10 & 80-265/76-08 on 760330-0402 Noncompliance noted liquid effluent release & personnel radiation exposure  
KNOP, R C, FEIERABEND, C D Region 3, Chicago, Office of the Director, 76/04/02, 9pp

--8003060663 RO 760330, while reviewing personnel exposure rept for 760112-0321 discovered that mechanical foreman received whole body radiation exposure of 3.130 rem Caused by employee failure to log daily personal dosimeter readings  
RALIVIANAKIS, N Commonwealth Edison Co 76/04/29 5pp

--8003060671 Forwards response to NRC 760521 ltr re steps taken to correct violations noted in IE Insp Repts 80-254/76-10 & 80-265/76-08 Util 760409 rept describes 760323 discharge of liquid radwaste  
BOLGER, R L Commonwealth Edison Co 76/05/18 2pp

--8003060680 Forwards RO 80-254/76-14 & rept re first quarter 1976 overexposure RO only encl  
PROSECKY, M A Commonwealth Edison Co 76/05/18 1p

--8003060686 Forwards RO 80-254/76-14  
KALIVIANAKIS, N Commonwealth Edison Co 76/04/09 1p

--8003060690 RO 80-254/76-14 on 760326, while performing review of previous 24-hrs radwaste discharges, discharge rate was discovered in error by factor of 10 Caused by personnel error in calculating discharge rate  
\* Commonwealth Edison Co 76/04/09 3pp

--8003060695 Ack receipt of 760429 ltr re radiation exposure of individual Cause of noncompliance & actions to preclude recurrence will be reviewed during future insp  
THOMPSON, D Office of Inspection & Enforcement, Office of the Director 76/05/20 1p

--8003060701 Ack receipt of 760318 ltr informing NRC of steps taken to correct items of noncompliance noted in 760421 ltr Corrective actions will be examined during future insp  
FIORELLI, O Region 3, Chicago, Reactor Operations Nuclear Support Branch 76/05/26 1p

--8003060739 IE Insp Rept 80-254/79-25 & 80-265/76-08 on 791105-1214 No items of noncompliance noted Major areas inspected maint plant operations, refueling activities, calibr, radiation protection, independent areas & unusual event  
CRISBOTTINO, N, SPESSARD, R L Region 3, Chicago, Office of the Director 79/12/14 6pp

8003170389 Forwards LER 80-004/03L-0  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/26 1p

--8003170397 LER 80-004/03L-0 on 800215, while performing reactor low-low water level calibr test, procedure Q15-11, level switch LIS-1-263-72A failed Caused by slight misalignment of mercury wetted magnetic switch w/actuating magnet  
HAFER, T Commonwealth Edison Co, 80/02/26 1p

8003200406 Forwards LER 80-003/03L-0  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/06 1p

--8003200410 LER 80-003/03L-0 on 800206, while performing procedure Q08 1000-3, RHR to suppression chamber dump valve, MO 1-1001-36A, circuit breaker tripped out Caused by burned out 480/120-volt transformer in circuit breaker cabinet  
CLARK, D Commonwealth Edison Co 80/03/06 3pp

8003200383 Forwards supplemental LER 79-040/03L-1  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/07 1p

--8003200385 Supplemental LER 79-040/03L-1 on 791213, during instrument check, variations in suppression pool level noted between reading on control room panel 901-3 & local sight glass, exceeding Tech Specs Caused by crud on sensing lines  
KOPACZ, J Commonwealth Edison Co 80/03/07 3pp

## DOCKET 80-255 PALISADES NUCLEAR PLANT

### F Security, medical, emergency & fire protection plans

8003310054 Forwards trip rept re NRC 800114-18 review of facility emergency plans & MI emergency plans, Revised plan incorporating corrected deficiencies should be forwarded to Ofc of Nuclear Reactor Regulation within five wks  
ZIEMANN, D L Operating Reactors Branch 2 80/02/25 2pp

--8003310059 Summary of 800114-18 trip rept re review facility emergency plans & MI emergency preparedness plans Forwards summary of findings & emergency plan areas requiring further attention  
AXELSON, W L Region 3, Chicago, Office of the Director, 80/01/24 8pp

## DOCKETED ITEMS

8003050384 Advises that proposed fire protection mods will not be completed by Feb 1980 as specified by Amend 42 to DPR-20. Detector or sys mods are complete, but sprinkler sys mods will not be completed until 800307.  
HOFFMAN, D P Carolina Power & Light Co 80/02/29 1p

8003070251 Forwards final revised site emergency plan in response to NRC 800117 request  
HOFFMAN, D P Consumers Power Co 80/03/03 1p

--8003070253 Revised site emergency plan  
\* Consumers Power Co 80/03/01 154pp

#### G Adjudicatory correspondence

8003260224 First round of interrogatories & request for production of documents directed to NRC Requests description of basis leading to issuance of 791109 notice of violation & to imposition of civil penalties  
MILLER, M I, MURPHY, P M, BIELAWSKI, A F Consumers Power Co 80/02/21 23pp

--8003260235 Notice of filing re first round of interrogatories & request for production of documents directed to NRC Same request & interrogatories previously mailed to NRC on 800221 Certificate of Svc encl  
MURPHY, P M Consumers Power Co MURPHY, P M Isham, Lincoln & Beale 80/02/25 3pp

8003130004 Memorandum & order authorizing conduction of discovery w/o prehearing conference Discovery status should be reported every month beginning 800401  
SMITH, I W Atomic Safety and Licensing Board Panel 80/02/29 2pp

8003190519 Forwards Commission 800304 order directing NRC to prepare EIS re replacement of steam generators  
BARTH, C A Hearing Branch 3 80/03/10 1p

8003310435 Advises that NRC will prepare EIS re replacement of steam generators, per encl Commission 800304 order  
BARTH, C A Hearing Branch 3 80/03/20 1p

#### I Financial information

8003120341 Forwards "Annual Rept to Shareholders, 1979"  
PERRY, P A Consumers Power Co 80/03/07 45pp.

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003200546 Notifies that Div of Operating Reactors has contracted w/ ORNL to review operating experience performance records of Palisades & RE Ginna in SEP Requests participation of one employee part-time  
EISENHUT, D O Division of Operating Reactors FIN B-0092-0 80/01/24 1p

--8003200552 Provides guidance & funding to support NRC review of operating experience & performance record of Palisades & RE Ginna Requests acceptance by signing encl NRC Form 173, Work  
Division of Operating Reactors FIN B-0092-0

Review of Operating Experience & Milestones

Regulation FIN B-0092-0

8003120764 Forwards fire protection SER suppl. Addl info submitted by util on 780915 & 29 resolving incomplete items identified in 780901 SER Info providing design criteria for Mods 3 1 1, 3 1 5, 3 1 10 & 3 1 15 overdue Fire protection status encl  
LATINAS, G Plant Systems Branch 80/01/31 3pp

--8003120768 Fire protection SER suppl  
\* Office of Nuclear Reactor Regulation 80/01/31 3pp

8003130139 Requests addl info for review of SEP Topic VI-4, "Containment Isolations Sys." within 30 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/11 3pp

8003070274 Requests references to docketed info re SEP topics for NRC review in response to 800117 meeting Info due within 90 days  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003270083 Requests list of refs for specific topics be provided to docketed info including VI-7 A 3, VI-7 B, VI-10 A, VII-1 A & VII-2, to aid NRC in SEP review Forwards Comm Ed 790326 ltr submitting list of refs to aid NRC in review of SEP  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/14 2pp

8003200155 Requests that util perform review of environ qualification of safety-related electrical equipment against encl guidelines Also requests that util attend 800221 meeting in Bethesda, MD re qualification review process  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/15 40pp

8003260462 Forwards request for addl info to complete review of SEP radiological topics  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/19 3pp

8003060257 Forwards request for change to Tech Specs for License DPR-20 & excerpt from XN-NF-77-59 Exxon Nuclear rept  
HOFFMAN, D P Consumers Power Co 80/02/26 21pp

--8003060261 Page changes for proposed Tech Specs change for License DPR-20, adding addl radial peaking factor  
\* Consumers Power Co 80/02/26 11pp

8003110532 Forwards requests for change to Tech Specs to incorporate addl radial peaking factor into reactor core operating conditions  
HOFFMAN, D P Consumers Power Co 80/02/26 1p

--8003110536 Requests for change to Tech Spec, Section 3 10, re total interior rod radial peaking factor Excerpts from Exxon Nuclear Co rept on Cycle 3 reload analysis encl  
\* Consumers Power Co 80/02/26 31pp

8003240327 Forwards "Safety Analysis of Interim Actions Taken to Eliminate Feedwater Piping Cracks" Repair program, nondestructive insps & leakage tests adequate until further recommendations evaluated  
ZIEHMANN, D L Operating Reactors Branch 2 80/02/26 5pp

8003030204 Forwards response to 790406 ltr requesting addl info re degraded grid voltage  
FROST, S R Consumers Power Co 80/02/27 6pp

8003040550 Forwards response to NRC 800205 request for info supporting util contention re Lessons Learned Task Force Category A requirements Waste gas & chemical vol control sys need not be included in sys integrity & shielding review programs  
FROST, S R Consumers Power Co 80/02/27 17pp

8003040564 Forwards "Facility Steam Generator Repair Rept," Revision 5 & Suppl 1, "Const Opening Rept."  
HOFFMAN, D P Consumers Power Co 80/02/29 2pp

--8003040571 "Facility Steam Generator Repair Rept," Revision 5  
\* Consumers Power Co 80/02/29 28pp

--8003040576 "Const Opening Rept," Suppl 1 to steam generator repair rept  
\* Consumers Power Co 80/02/29 49pp

8003050494 Requests correction to 800227 ltr re util response to Lessons Learned Task Force Category A requirements Ltr should be distributed to DL Ziemann of Ofc of Nuclear Reactor Regulation  
HOFFMAN, D P Consumers Power Co 80/02/29 1p

8003070255 Submits list of drawings for safety sys motor-operated valve control circuits, in response to 791012 request  
HOFFMAN, D P Consumers Power Co 80/03/03 2pp

8003130577 Forwards drawings per NRC 791012 request re safety sys motor-operated valve control circuits Drawings available in Central Files only  
HOFFMAN, D P Consumers Power Co 80/03/03 2pp

--8003130581 "Schematic Diagram Safety Injection Motor Operated Valves" Sheet 2 of 2  
\* Bechtel Corp 79/04/03 1p

# DOCKETED ITEMS

51

--8003130585 "Schematic Diagram Safety Injection Motor Operated Valves " Sheet 3 of 4  
\* Bechtel Corp 78/09/05 1p

--8003130587 "Schematic Diagram Safety Injection Motor Operated Valves " Sheet 2 of 2  
\* Bechtel Corp 80/03/03 1p

--8003130590 "Schematic Diagram Safety Injection Motor Operated Valves " Sheet 1 of 4  
\* Bechtel Corp 78/10/21 1p

--8003130592 "Schematic Diagram Safety Injection Tank Motor Operated Valves " Sheet 1 of 2  
\* Bechtel Corp 79/04/03 1p

--8003130599 "Schematic Diagram Vol Control Shutdown Cooling & Press Relief Motor Operated Valves " Sheet 2 of 4  
\* Bechtel Corp 70/01/16 1p

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003100193 Forwards Revision 1 to 791227 ltr re response to requirements resulting from review of TMI-2 accident  
HOFFMAN, D P Consumers Power Co 80/03/04 70pp

8003110389 Advises NRC that plant containment bldg tendon surveillance program will not be conducted in 1980 but rescheduled for 1981 Tech Specs permit extension  
HOFFMAN, D P Consumers Power Co 80/03/04 1p

8003110652 Responds to NRC 790808 ltr re adequacy of station electric distribution sys voltages Test results will be submitted for review upon completion of test & computer case  
HUSTON, R W Consumers Power Co 80/03/07 7pp

8003140240 Forwards final rept, "Investigation of Meteorological Impact of Mechanical-Draft Cooling Towers " Changes in meteorological variables beyond site boundary due to cooling tower operations are minimal  
FROST, S R Consumers Power Co 80/03/10 1p

--8003140242 Final rept, "Investigation of Meteorological Impact of Mechanical-Draft Cooling Towers "  
RYZNER, E , DAKER, D G , WEBER, M R Michigan, Univ of 320158 80/01/31 152pp

8003170343 Submits long-term cooling equipment mod bimonthly status rept for Feb & Mar 1980 Bechtel is preparing final design details for long-term cooling mods Mods are still scheduled for 1981 refueling outage  
FROST, S R Consumers Power Co 80/03/10 1p

8003130543 Forwards responses to NRC Questions 4 & 6 re seismic input into facility piping design  
MARUSICH, R M Consumers Power Co 80/03/11 277pp

8003170381 Responds to NRC 800303 request for info re seismic analysis for as-built safety-related piping sys (stub-in branch connections) Piping classifications HB, HC & JB use stub-in branches in fabrication  
FROST, S R Consumers Power Co 80/03/11 12pp

8003210398 Responds to 800223 ltr No mods or addl surveillance programs needed to verify operation of in-series check valves isolating high pressure primary coolant sys from LPIS piping  
HOFFMAN, D P Consumers Power Co 80/03/18 3pp

8003270490 Forwards response to NRC 800225 ltr requesting site specific & generic turbine info re cracking in low pressure turbine discs Generic info submitted by Westinghouse on 800314 Proprietary version withheld (ref 10CFR2 790)  
HOFFMAN, D P Consumers Power Co 80/03/21 31pp

Q Inspection reports, IE Bulletins & correspondence

8003140424 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190022 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120168 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

800310480 Forwards IE Insp Rept 50-255/79-23 on 791210-14 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/05 2pp

--800310487 IE Insp Rept 50-255/79-23 on 791210-14 Major areas inspected security program audit, lighting & access control (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch SCHAPER, J F , MADEJA, T J Region 3, Chicago, Office of the Director 80/01/28 1p

8003140213 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110117 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190335 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003210034 Forwards IE Insp Rept 50-255/79-19 on 791108-09 & 14-16 & notice of violation  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/08 2pp

--8003210039 Notice of violation from insp on 791108-09 & 14-16  
\* Region 3, Chicago, Office of the Director 80/02/06 2pp

--8003210043 IE Insp Rept 50-255/79-19 on 791108-09 & 14-16 Noncompliance noted failure to make proper evaluation re presence of radioactive mail in refuse before release for burial & to follow procedures & overexposure of employee  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch HEUTER, L J Region 3, Chicago, Office of the Director 80/02/06 18pp

8003270001 Forwards suppl to IE Insp Rept 50-255/78-30 on 781127-1201 Addresses specific inspector "observations"  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/13 2pp

--8003270005 Suppl to IE Insp Rept 50-255/78-30 on 781127-1201 Addresses specific inspector "observations", including perceived strengths & weaknesses of mpt control sys to be used in subsequent performance evaluations  
FOSTER, L E , SINKULE, M V Region 3, Chicago, Office of the Director GAGLIARDI, J C Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/17 48pp

8003070319 Forwards IE Insp Rept 50-255/80-01 on 800123-25 Insp rept & notice of violation withheld (ref 10CFR2 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/25 2pp

--8003070322 IE Insp Rept 50-255/80-01 on 800123-25 Noncompliance noted failure of licensees to comply w/10CFR70 54 & referenced instruction for completion & distribution of Forms NRC-741 (Paragraph 9) Withheld (ref 10CFR2 790)  
FINLEY, A O , PATTERSON, J P Region 3, Chicago, Office of the Director HIND, A Region 3, Chicago, Safeguards Branch 80/02/22 1p

8003280484 Forwards site-specific general questions & generic questions re turbine discs discussed in IE Info Notice 79-37 Probability of cracking in low pressure turbine discs is greater than previously assumed by Westinghouse  
EISENHUT, D O Division of Operating Reactors 80/02/25 6pp

8003030311 Forwards addl info re IE Bulletin 79-14 Explanation of stress intensification factors in local piping components and  
FROST, S R Consumers Power Co 80/02/27 4pp

## DOCKETED ITEMS

8003120684 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27  
1p

8003120355 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
1p

8003140325 Forwards supplemental info to IE Bulletin 79-01B, "Environmental Qualification of Class IE Equipment." No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
Bpp

8003060522 Revises 800214 response to IE Bulletin 79-14, correcting typing error on Page 2 of attachment  
FROST, S R Consumers Power Co 80/03/03 4pp

8003250424 Responds to IE Bulletin 79-27 Preferred AC buses have undervoltage alarms which annunciate in control room. Loss of any single instrument & control bus will not prevent operators from safely shutting down from main control room  
HOFFMAN, D P Consumers Power Co 80/03/03 4pp

8003110509 Discusses commitment made in response to IE Bulletin 79-08 Measurements taken on 791002 indicate that fuel element transfer tube shielding effectively precludes any appreciable radiation hazard  
HOFFMAN, D P Consumers Power Co 80/03/04 1p

8003180236 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06  
1p

8003260182 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07  
1p

8003260493 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260539 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260413 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p

8003250094 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260248 Forwards IE Circular 80-04, "Securing of Treaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003250503 Responds to IE Bulletin 80-03 & addresses potential loss of charcoal from charcoal filters sys. Visual exam of charcoal adsorbers indicates no problems  
FROST, S R Consumers Power Co 80/03/20 2pp

#### R Periodic operating reports & related correspondence

8003060479 Forwards "Radioactive Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
HOFFMAN, D P Consumers Power Co 80/02/29 1p

--8003060485 "Radioactive Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
\* Consumers Power Co 80/02/29 9pp

8003060488 Forwards "Annual Rept of Changes, Tests & Experiments, 1979."  
HOFFMAN, D P Consumers Power Co 80/02/29 1p

--8003060490 "Annual Rept of Changes, Tests & Experiments, 1979."  
\* Consumers Power Co 79/12/31 3pp

8003060535 Forwards "Radioactive Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
HOFFMAN, D P Consumers Power Co 80/02/29 1p

--8003060538 "Radioactive Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979."  
\* Consumers Power Co 80/02/29 9pp

8003110478 Forwards monthly operating rept for Feb 1980  
ADAMS, W E Consumers Power Co 80/03/03 1p

--8003110480 Monthly operating rept for Feb 1980  
BODTKE, P J Consumers Power Co 80/03/03 4pp

8003130561 Forwards "Rept of 1979 Occupational Exposure."  
HOFFMAN, D P Consumers Power Co 80/03/03 1p

--8003130563 "Rept of 1979 Occupational Exposure."  
\* Consumers Power Co 80/03/03 1p

DOCKET 80-259 BROWNS FERRY NUCLEAR POWER STATION, UNIT 1  
-----  
F Security, medical, emergency & fire protection plans  
-----

8003240019 Forwards summary of NRC vital area analysis. Requests position of analysis & proposed changes to physical security program. Vital area analysis summary withheld (ref 10CFR2.790)  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 2pp

8003260369 Forwards evacuation time estimates provided by Hamilton, Laurence & Limestone Counties. No unusual evacuation constraints requiring special planning measures identified. One oversize map encl. Map available in Central Files only  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

#### H General correspondence

8003030339 Forwards estimates of incremental occupational man-rem exposure resulting from temporary onsite storage of low level radioactive trash described in util 800121 ltr  
MILLS, L M Tennessee Valley Authority 80/02/25 4pp

#### X Utility Final Safety Analysis Report (FSAR) & amends

8003190421 Forwards Amend 70 to FSAR  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

--8003190426 Amend 70 to FSAR  
\* Tennessee Valley Authority 80/03/10 43pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109  
FISCHHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis."  
POWER, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003030068 Forwards Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability.  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 3pp

--8003030070 Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, changing limiting conditions for operation & surveillance requirements to levels used prior to 800114  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 31pp

--8003030074 Safety evaluation supporting Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
\* Operating Reactors Branch 3 80/01/31 2pp

--8003030080 Notice of issuance & availability of Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68 respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 2pp

# DOCKETED ITEMS

53

8003040149 Discusses proposed changes to Tech Specs re removal of LPCI loop selection logic Electrical, instrumentation & control aspects of proposed Tech Specs changes are acceptable Safety evaluation encl  
LAINAS, G Plant Systems Branch 80/02/11 1p

--8003040195 Safety evaluation supporting proposed Tech Specs changes re LPCI sys mods  
\* Office of Nuclear Reactor Regulation 80/02/11 2pp

8003240580 Confirms 800131 request to visit facility on 800219-20 to review & verify implementation of TH1-2 short-term Lessons Learned Task Force requirements Visit to include control rooms, on-site technical support ctr & operations support ctr  
IPPOLITO, T A Operating Reactors Branch 3 80/02/11 3pp

8003030083 Forwards Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

--8003030087 Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, increasing duties of nuclear safety review board & increasing membership of plant operations review committee  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 35pp

--8003030089 Safety evaluation supporting Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 4pp

--8003030092 Notice of issuance & availability of Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

8003140119 Forwards request for addl info re isolation of main steam lines following high temp logic actuation  
IPPOLITO, T A Operating Reactors Branch 3 80/02/18 3pp

8003130304 Forwards Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 2pp

--8003130310 Amend 59 to License DPR-33 changing Tech Specs for min test & calibr frequency for surveillance instrumentation Tech Specs encl  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 98pp

--8003130317 Amend 54 to License DPR-52 changing Tech Specs for limiting safety sys setting Tech Specs encl  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 27pp

--8003130326 Safety evaluation supporting Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively  
\* Operating Reactors Branch 3 80/02/25 9pp

--8003130330 Notice of issuance & availability of Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 2pp

8003240125 Forwards request for addl info re containment purge sys & containment venting sys  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 4pp

8003200047 Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations Concludes that all Category A requirements have been met satisfactorily  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 16pp

8003180352 Requests NRC permission to utilize cable warehouse re low level radioactive trash storage for period up to two yrs Revised Page 2 to 800121 amend request encl  
CROSS, J M Tennessee Valley Authority 80/03/13 2pp

--8003180353 Revised Page 2 to license amend request  
\* Tennessee Valley Authority 80/03/13 1p

8003210387 Forwards response to NRC 800223 request info re LWR primary coolant sys pressure isolation valves Continued operation of facility justified OIs should not be modified, suspended or revoked  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

8003210496 Forwards response to NRC 791213 request for info re loss of offsite power events No events of complete loss of power identified  
MILLS, L M Tennessee Valley Authority 80/03/14 4pp

8003240494 Forwards response to NRC 791217 request for addl info re operation of Facility w/one recirculation loop Response comprised of general background & operating experience info, operating histograms & responses to specific requests  
MILLS, L M Tennessee Valley Authority 80/03/17 7pp

8003260480 Forwards evaluation of containment purge sys, in response to NRC 791025 request  
MILLS, L M Tennessee Valley Authority 80/03/17 9pp

8003260369 Forwards evacuation time estimates provided by Hamilton, Lawrence & Limestone Counties No unusual evacuation constraints requiring special planning measures identified One oversize map encl Map available in Central Files only  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

8003280548 Forwards comments re NUREG/CR-0660 in response to NRC 790604 request Does not agree that refrigerated starting air dryers should be installed on starting air sys Ambient air temp range greater than temp for which dryers designed  
MILLS, L M Tennessee Valley Authority 80/03/21 2pp

Q Inspection reports, IE Bulletins & correspondence

8003190324 Forwards IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/09 2pp

--8003190332 IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/01/08 4pp

8003090355 Forwards IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003090360 IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/01/17 4pp

8003250117 Ack receipt of 791217 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 1p

--8003250139 Responds to NRC 791126 ltr re violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 Corrective actions refrigerant purifier replaced w/redrainer unit Check valve replaced liquid indicator  
MILLS, L M Tennessee Valley Authority 79/12/17 3pp

--8003250166 Forwards IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/11/26 2pp

--8003250172 Notice of violation from insp on 791106-09  
\* Region 2, Atlanta, Office of the Director 79/11/23 1p

--8003250179 IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 Noncompliance noted failure to review sys design changes re control bay air conditioning sys  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch CHASE, J W, PRICE, D S, Region 2, Atlanta, Office of the Director 79/11/23 3pp

8003030066 Informs that util will provide addl info re IE Bulletin 79-018 re environ qualification of class IE equipment Review for OL applicants will be handled through normal review process.  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp



## DOCKETED ITEMS

- 8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp
- 8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp
- 8003190124 Forwards IE Circular 79-29, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003190619 Forwards IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-276/80-01 on 800116-1B No noncompliance noted  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/04 2pp
- 8003190623 IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-276/80-01 on 800116-1B No noncompliance noted Major areas inspected administrative controls, thermal & chemical discharges, chemical usage, licensee event repts & environ surveillance  
JENKINS, O R Region 2, Atlanta, Fuel Facility & Materials Safety Branch CUNNINGHAM, A L Region 2, Atlanta, Office of the Director 80/02/04 3pp
- 8003260019 Forwards IE Info Notice 80-04, "BNR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p
- 8003200336 Forwards monthly status rept for work re IE Bulletin 79-14 Rept represents status of work as of 800201  
MILLS, L M Tennessee Valley Authority 80/02/07 1p
- 8003210269 Discusses 790904 shipment of 165 Five-gallon drums of low specific activity radwaste from facility to Barnwell NRC did not issue notice of violation because matter referred to DOT  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/07 2pp
- 8003210272 Forwards comments in response to JT Sutherland 791030 ltr re Chem-Nuclear Sys, Inc 790911 Insp Brace blocking of radioactive matls shipment in question was satisfactory  
MILLS, L M Tennessee Valley Authority 80/01/28 2pp
- 8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003250371 Forwards IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-276/80-03 on 800121-24 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/11 2pp
- 8003250382 IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-276/80-03 on 800121-24 No noncompliance noted Major areas inspected refueling activities of Unit 1 in preparation for Cycle 4 & review of Unit 3 startup testing at Cycle 3  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch JULIAN, C Region 2, Atlanta, Office of the Director 80/02/08 4pp
- 8003120761 Forwards supplementary response to IE Bulletin 79-1B, "Audiability Problems Encountered on Evacuation of Personnel from High Noise Areas " Total upgrading of existing public address & evacuation sys necessary  
MILLS, L M Tennessee Valley Authority 80/02/12 2pp.
- 8003210044 Forwards IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-276/80-04 on 800121 No noncompliance noted.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/13 2pp
- 8003210054 IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-276/80-04 on 800121 No noncompliance noted Major areas inspected procedures to ensure restoration of normal containment penetration closure conditions  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/02/12 3pp
- 8003060347 Ack receipt of 791217 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-276/79-34  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/15 1p
- 8003060356 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-276/79-34 Corrective actions div procedure revised to define temporary alterations under unusual circumstances  
MILLS, L M Tennessee Valley Authority 79/12/17 2pp
- 8003060363 Forwards IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-276/79-34 on 790917-1012 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/11/21 2pp
- 8003060367 Notice of violation from insp on 790917-1012  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p
- 8003060376 IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-276/79-34 on 790917-1012 Noncompliance noted installation of nonapproved jumpers in main steam line tunnel high-temp monitoring safety circuit  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 79/11/21 5pp
- 8003100015 Forwards supplemental response to IE Bulletin 79-07 URS/Blume computer run indicates that algebraic summation of codirectional components or intermodal components was not used for seismic analysis of recirculation loop & piping  
MILLS, L M Tennessee Valley Authority 80/02/15 2pp
- 8003140056 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003180189 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003210097 Requests addl six wks to respond to IE Bulletin 79-27 Response will be submitted by 800411  
MILLS, L M Tennessee Valley Authority 80/02/29 1p
- 8003180158 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp.
- 8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180090 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp
- 8003240277 Requests addl time to respond to IE Bulletin 79-01 Submits projected schedule for issuance of response  
MILLS, L M Tennessee Valley Authority 80/03/07. 2pp

# DOCKETED ITEMS

55

8003260112 Ack receipt of 800227 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44  
STQHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/07 1p

--8003260131 Responds to NRC 800201 ltr re violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 Corrective actions required efficiency & activity checks completed Results in agreement w/ confirmatory measurements  
MILLS, L M Tennessee Valley Authority 80/02/27 3pp

--8003260144 Forwards IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 & notice of violation  
STQHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/01 2pp

--8003260158 Notice of violation from insp on 791217-20  
\* Region 2, Atlanta, Office of the Director 80/01/31 1p

--8003260175 IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 Noncompliance noted failure to perform annual deficiency & activity checks for O&L(i) counting sys  
MONTGOMERY, D M Region 2, Atlanta, Office of the Director  
JENKINS, O R Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/31 8pp

8003270073 Forwards IE Bulletin 79-14 progress rpt for Mar 1980  
MILLS, L M Tennessee Valley Authority 80/03/07 18pp

8003260253 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003260572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

## R Periodic operating reports & related correspondence

8003180378 Forwards monthly operating rpt for Feb 1980  
ABERCROMBIE, H L Tennessee Valley Authority 80/03/10 1p

--8003180380 Monthly operating rpt for Feb 1980  
THOM, T Tennessee Valley Authority 80/03/01 32pp

## S Reportable occurrences, LERs & related correspondence

8003040607 Forwards LER 80-010/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/02/27 1p

--8003040614 LER 80-010/03L-0 on 800129, during scheduled refueling outage, found that various instrument sensing line hangers in HPCI pump room were broken Caused by water hammer while warming HPCI sys Hangers repaired  
\* Tennessee Valley Authority 80/02/27 2pp

8003050450 Forwards LER 80-012/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/02/29 1p

--8003050453 LER 80-012/03L-0 on 800201, during refueling outage, damaged electrical & mechanical overspeed protection assemblies found on reactor core isolation cooling turbine Caused by unclear installation instructions Assemblies repaired  
\* Tennessee Valley Authority 80/02/29 2pp

8003120415 Forwards LER 80-017/01T-0  
CALHOUN, J R Tennessee Valley Authority 80/03/05 1p

--8003120420 LER 80-017/01T-0 on 800221, detailed analysis revealed that restraint R-1 on drywell sump pump discharge line was adequate but restraint R-10 needed mod to assure integrity during seismic event Cause not stated  
\* Tennessee Valley Authority 80/03/05 2pp.

8003170440 Forwards updated LER 79-035/03L-1  
CALHOUN, J R Tennessee Valley Authority 80/03/11 1p

--8003170463 Updated LER 79-035/03L-1 on 791203, during surveillance testing, HPCI stop valve FCV-73-18 would not stay open Caused by insufficient compression on spring on hydraulic trip mechanism Spring compressed  
\* Tennessee Valley Authority 80/03/11 2pp

8003170480 Forwards updated LER 79-018/01T-1  
CALHOUN, J R Tennessee Valley Authority 80/03/11 1p

--8003170483 Updated LER 79-018/01T-1 on 790823, at 95% power, insp per IE Bulletin 79-14 found restraints on certain CSSC sys inoperable under design specs Caused by pipe vibration &/or improper installation during const  
\* Tennessee Valley Authority 80/03/11 2pp

8003180594 Forwards LER 80-022/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/12 1p

--8003180598 LER 80-022/03L-0 on 800212, during scheduled refueling outage, total leak rate of primary containment penetrations exceeded Tech Spec limit Caused by wear of valve seating surfaces Valves repaired & retested  
\* Tennessee Valley Authority 80/03/12 3pp

8003180541 Forwards LER 80-018/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/14 1p

--8003180547 LER 80-018/03L-0 on 800217, during refueling operations 4 kV shutdown board B alternate feeder failed to close during board transfer test Cause unknown Failure appears random  
\* Tennessee Valley Authority 80/03/14 2pp

8003180610 Forwards updated LER 80-008/03L-1  
CALHOUN, J R Tennessee Valley Authority 80/03/14 1p

--8003180617 Updated LER 80-008/03L-1 on 800127, during scheduled refueling outage, HPCI turbine had crack in coupling bearing support pedestal Possibly caused by water hammer in main steam supply line  
\* Tennessee Valley Authority 80/03/14 2pp

8003180611 Forwards LER 80-019/01T-0  
CALHOUN, J R Tennessee Valley Authority 80/03/14 1p

--8003180618 LER 80-019/01T-0 on 800301, during winter storm, offsite 161 kV power sources were lost for six minutes Caused by high winds & ice loading Condition compounded by improper lineup of Athens line protective zone relays  
\* Tennessee Valley Authority 80/03/14 2pp

## DOCKET 50-260 BROWNS FERRY NUCLEAR POWER STATION, UNIT 2

### Gamma Security, medical, emergency & fire protection plans

8003240019 Forwards summary of NRC vital area analysis Requests position of analysis & proposed changes to physical security program Vital area analysis summary withheld (ref 10CFR2.790)  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 2pp

8003260369 Forwards evacuation time estimates provided by Hamilton, Laurence & Limestone Counties No unusual evacuation constraints requiring special planning measures identified One oversize map encl Map available in Central Files only  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

### H General correspondence

8003030339 Forwards estimates of incremental occupational man-rem exposure resulting from temporary onsite storage of low level radioactive trash described in utli 800121 ltr  
MILLS, L M Tennessee Valley Authority 80/02/25 4pp

### K Utility Final Safety Analysis Report (FSAR) & amends

8003190421 Forwards Amend 70 to FSAR  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

--8003190426 Amend 70 to FSAR  
\* Tennessee Valley Authority 80/03/10 43pp

## DOCKETED ITEMS

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003030068 Forwards Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 3pp

--8003030070 Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, changing limiting conditions for operation & surveillance requirements to levels used prior to 800114  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 31pp

--8003030074 Safety evaluation supporting Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
\* Operating Reactors Branch 3 80/01/31 2pp

--8003030080 Notice of issuance & availability of Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 2pp

8003040149 Discusses proposed changes to Tech Specs re removal of LPCI loop selection logic Electrical, instrumentation & control aspects of proposed Tech Specs changes are acceptable Safety evaluation encl  
LAINAS, G Plant Systems Branch 80/02/11 1p

--8003040158 Safety evaluation supporting proposed Tech Specs changes re LPCI sys mods  
\* Office of Nuclear Reactor Regulation 80/02/11 2pp

8003240580 Confirms 800131 request to visit facility on 800219-20 to review & verify implementation of TH1-2 short-term Lessons Learned Task Force requirements Visit to include control rooms, onsite technical support ctr & operations support ctr  
IPPOLITO, T A Operating Reactors Branch 3 80/02/11 3pp

8003030083 Forwards Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

--8003030087 Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, increasing duties of nuclear safety review board & increasing membership of plant operations review committee  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 35pp

--8003030089 Safety evaluation supporting Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 4pp

--8003030092 Notice of issuance & availability of Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

8003140119 Forwards request for addl info re isolation of main steam lines following high temp logic actuation  
IPPOLITO, T A Operating Reactors Branch 3 80/02/18 3pp

8003130304 Forwards Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 2pp

--8003130317 Amend 54 to License DPR-52 changing Tech Specs for limiting safety sys setting Tech Specs encl  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 27pp

--8003130326 Safety evaluation supporting Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively  
\* Operating Reactors Branch 3 80/02/25 9pp

--8003130330 Notice of issuance & availability of Amends 59 & 54 to Licenses DPR-33 & DPR-52, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/02/25 2pp

8003240125 Forwards request for addl info re containment purge sys & containment venting sys  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 4pp

800320004/ Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations  
Concludes that all Category A requirements have been met satisfactorily  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 16pp

8003180352 Requests NRC permission to utilize cable warehouse re low level radioactive trash storage for period up to two yrs  
Revised Page 2 to 800121 amend request encl  
CROSS, J M Tennessee Valley Authority 80/03/13 2pp

--8003180353 Revised Page 2 to license amend request  
\* Tennessee Valley Authority 80/03/13 1p

8003210387 Forwards response to NRC 800223 request info re LWR primary coolant sys pressure isolation valves Continued operation of facility justified OLS should not be modified, suspended or revoked  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

8003210496 Forwards response to NRC 791213 request for info re loss of offsite power events No events of complete loss of power identified  
MILLS, L M Tennessee Valley Authority 80/03/14 4pp

8003260480 Forwards evaluation of containment purge sys, in response to NRC 791025 request  
MILLS, L M Tennessee Valley Authority 80/03/17 9pp

8003280548 Forwards comments re NUREG/CR-0660 in response to NRC 790604 request Does not agree that refrigerated starting air dryers should be installed on starting air sys Ambient air temp range greater than temp for which dryers designed  
MILLS, L M Tennessee Valley Authority 80/03/21 2pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003190324 Forwards IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/09 2pp

--8003190332 IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
BANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/01/09 4pp

8003050395 Forwards IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003050360 IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
BANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/01/17 4pp

8003250117 Ack receipt of 791217 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 1p

--8003250139 Responds to NRC 791126 ltr re violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 Corrective actions refrigerant purifier replaced w/redaimer unit Check valve replaced liquid indicator  
MILLS, L M Tennessee Valley Authority 79/12/17 3pp

--8003250166 Forwards IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/11/26 2pp

--8003250172 Notice of violation from insp on 791106-09  
\* Region 2, Atlanta, Office of the Director 79/11/23 1p

# DOCKETED ITEMS

57

- 8003250179 IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 Noncompliance noted failure to review sys design changes re control bay air conditioning sys  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch CHASE, J W, PRICE, D S Region 2, Atlanta, Office of the Director 79/11/23 3pp
- 8003030066 Informs that util will provide addl info re IE Bulletin 79-01B re environ qualification of class IE equipment Review for OL applicants will be handled through normal review process  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp
- 8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp
- 8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp
- 8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003190619 Forwards IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-296/80-01 on 800116-18 No noncompliance noted  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/04 2pp
- 8003190623 IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-296/80-01 on 800116-18 No noncompliance noted Major areas inspected administrative controls, thermal & chemical discharges, chemical usage, licensee event repts & environ surveillance  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch CUNNINGHAM, A L Region 2, Atlanta, Office of the Director 80/02/04 3pp
- 8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits" No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p
- 8003200336 Forwards monthly status rept for work re IE Bulletin 79-14 Rept represents status of work as of 800201  
MILLS, L M Tennessee Valley Authority 80/02/07 1p
- 8003210269 Discusses 790904 shipment of 165 five-gallon drums of low specific activity radwaste from facility to Barnwell NRC did not issue notice of violation because matter referred to DOT  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/07 2pp
- 8003210272 Forwards comments in response to JT Sutherland 791030 ltr re Chem-Nuclear Sys, Inc 790911 Insp Brace blocking of radioactive matls shipment in question was satisfactory  
MILLS, L M Tennessee Valley Authority 80/01/28 2pp
- 8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003250371 Forwards IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-296/80-03 on 800121-24 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/11 2pp
- 8003250382 IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-296/80-03 on 800121-24 No noncompliance noted Major areas inspected refueling activities of Unit 1 in preparation for Cycle 4 & review of Unit 3 startup testing at Cycle 3  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch JULIAN, C Region 2, Atlanta, Office of the Director 80/02/08 4pp
- 8003120761 Forwards supplementary response to IE Bulletin 79-18, "Audibility Problems Encountered on Evacuation of Personnel from High Noise Areas" Total upgrading of existing public address & evacuation sys necessary  
MILLS, L M Tennessee Valley Authority 80/02/12 2pp
- 8003210044 Forwards IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-296/80-04 on 800121 No noncompliance noted  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/13 2pp
- 8003210054 IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-296/80-04 on 800121 No noncompliance noted Major areas inspected procedures to ensure restoration of normal containment penetration closure conditions  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director 80/02/12 3pp
- 8003060347 Ack receipt of 791217 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/15 1p
- 8003060356 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34 Corrective actions div procedure revised to define temporary alterations under unusual circumstances  
MILLS, L M Tennessee Valley Authority 79/12/17 2pp
- 8003060363 Forwards IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34 on 790917-1012 & notice of violation  
LEWIS, R L Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/11/21 2pp
- 8003060367 Notice of violation from insp on 790917-1012  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p
- 8003100015 Forwards supplemental response to IE Bulletin 79-07 URB/Blume computer run indicates that algebraic summation of codirectional components or intermodal components was not used for seismic analysis of recirculation loop & piping  
MILLS, L M Tennessee Valley Authority 80/02/15 2pp
- 8003140056 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003180189 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003210097 Requests addl six wks to respond to IE Bulletin 79-27 Response will be submitted by 800411  
MILLS, L M Tennessee Valley Authority 80/02/29 1p
- 8003180158 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp
- 8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180090 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp
- 8003240277 Requests addl time to respond to IE Bulletin 79-01 Submits projected schedule for issuance of response  
MILLS, L M Tennessee Valley Authority 80/03/07 2pp

## DOCKETED ITEMS

8003260112 Ack receipt of 800227 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/07 1p

--8003260131 Responds to NRC 800201 ltr re violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 Corrective actions required efficiency & activity checks completed Results in agreement w/ confirmatory measurements  
MILLS, L M Tennessee Valley Authority 80/02/27 3pp

--8003260144 Forwards IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/01 2pp

--8003260158 Notice of violation from insp on 791217-20  
\* Region 2, Atlanta, Office of the Director 80/01/31 1p

--8003260175 IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 Noncompliance noted failure to perform annual deficiency & activity checks for Ge(Li) counting sys  
MONTGOMERY, D M Region 2, Atlanta, Office of the Director  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/31 8pp

8003270073 Forwards IE Bulletin 79-14 progress rept for Mar 1980  
MILLS, L M Tennessee Valley Authority 80/03/07 18pp

8003260253 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

R Periodic operating reports & related correspondence

8003180378 Forwards monthly operating rept for Feb 1980  
ABERCHROMBIE, H L Tennessee Valley Authority 80/03/10 1p

--8003160380 Monthly operating rept for Feb 1980  
THOM T Tennessee Valley Authority 80/03/01 32pp

S Reportable occurrences, LERs & related correspondence

8003070355 Forwards LER 80-007/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/03 1p

--8003070358 LER 80-007/03L-0 on 800203, during normal operation, reactor recirculation pump 2B tripped Caused by pickup of recirculation motor generator set generator stator temp relay Tests run, no problems found  
\* Tennessee Valley Authority 80/03/03 2pp

8003070372 Forwards LER 80-006/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/03 1p

--8003070374 LER 80-006/03L-0 on 800203, while running electrical checks on recirculation pump, reactor recirculation pump 2A was accidentally tripped Caused by misinterpretation of labels on recirculation pump trip breakers  
MORRIS, J R Tennessee Valley Authority 80/03/03 2pp

8003110621 Forwards LER 80-008/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/06 1p

--8003110719 LER 80-008/03L-0 on 800206, while conducting automatic depressurization sys logic functional test, relay 10A-K26 manually operated in place of relay 2E-K26 causing recirculation pump 2B trip Caused by operator error  
\* Tennessee Valley Authority 80/03/06 2pp

8003180527 Forwards updated LER 80-002/03L-1  
CALHOUN, J R Tennessee Valley Authority 80/03/11 1p

--8003180536 Updated LER 80-002 03L-1 on 791222, during cold shutdown, flow control valve 2-FCV-68-79 on recirculation sys would not operate Caused by improper installation of motor pinion gear by manufacturer  
\* Tennessee Valley Authority 80/03/11 2pp

8003180531 Forwards LER 80-009/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/12 1p

--8003180544 LER 80-009/03L-0 on 800213, during normal operation, steam line B radiation monitor 2-RM-90-138 failed downscale resulting in half scram & halt isolation Caused by loss of power output from power drawer Power drawer replaced  
\* Tennessee Valley Authority 80/03/12 3pp

8003180537 Forwards LER 80-010/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/13 1p

--8003180543 LER 80-010/03L-0 on 800216, during hot shutdown, crack was found in HPCI turbine coupling bearing support pedestal Probably caused by water hammer while warming HPCI from out-of-svc condition New pedestal installed  
\* Tennessee Valley Authority 80/03/13 2pp

8003210535 Forwards LER 80-011/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/17 1p

--8003210541 LER 80-011/03L-0 on 800217, during hot shutdown, 480 volt PK board PB failed to transfer properly during manual transfer Caused by dirty moveable contacts on normal breaker Contacts cleaned & board transferred properly  
\* Tennessee Valley Authority 80/03/17 2pp

8003260566 Forwards LER 80-012/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/19 1p

--8003260579 LER 80-012/03L-0 on 800223, while in cold shutdown for HPCI turbine bearing support pedestal repairs, unit was unable to return to svc Caused by out of svc condition of HPCI Repairs completed & unit returned to svc  
\* Tennessee Valley Authority 80/03/19 2pp

DOCKET 80-261 H B ROBINSON PLANT, UNIT 2

F Security, medical, emergency & fire protection plans

8003070290 Provides fire protection review of SER supp) items submitted by licensee Requests response within 20 days if requirements to resolve issues will be satisfied  
LAINAS, G Plant Systems Branch 80/01/21 16pp

8003100216 Forwards results of NRC evaluation of supplemental items to plant fire protection program Requests addl info within 20 days  
SCHWENCER, A Operating Reactors Branch 1 80/02/06 17pp

8003170027 Forwards evaluations of fire protection program submittals Includes list of submittals & status & evaluation of items that are complete, unacceptable or require addl info  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 18pp

8003250492 Responds to NRC 800221 ltr re fire protection program Discusses insulation of pipes, portable extinguishers, lube oil shielding sys, electrical cable penetrations & fire door supervision  
UTLEY, E E Carolina Power & Light Co 80/03/18 21pp

8003280535 Informs that util will comply w/GA guidelines for fire protection items specific in Section 1.0 of Reg Guide 1.120 & inadvertently omitted from 800318 response Fire protection GA program will comply w/guidelines by 801031  
UTLEY, E E Carolina Power & Light Co 80/03/25 1p

J Insurance & indemnity information

8003070287 Forwards certified Endorsement 50 to MAELU Policy MF-49  
GRAHAM, W E Carolina Power & Light Co 80/02/27 2pp

8003070382 Forwards certified Endorsement 3 to NELIA Binder EB-21 & MAELU Binder XG-21  
GRAHAM, W E Carolina Power & Light Co 80/02/27 5pp

# DOCKETED ITEMS

59

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003060620 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003280622 Forwards request for addl info re containment purge sys & containment venting sys Info should be provided within 45 days  
SCHWENCER, P A Operating Reactors Branch 1 80/01/09 3pp

8003140055 Advises of adequacy of repair program, nondestructive ineps & leakage testing performed to ensure maintaining integrity of feedwater piping until recommendations of owners group & NRC study group have been evaluated Safety analysis encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 6pp

8003130039 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for C-E or Exxon fueled PHRs Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 3pp

8003270051 Summary of 800209 meeting w/CP&L in Bethesda, MD re shielding requirements resulting from TMI Lessons Learned Task Force recommendation Supporting documentation encl  
NEIGHBOR, D Operating Reactors Branch 1 80/03/04 10pp

8003180469 Forwards final rept, "Steam Generator Water Hammer Evaluation"  
REECE, J W Reece Engineering Associates 80/03/14 1p

--8003180482 "Steam Generator Water Hammer Evaluation"  
REECE, J W Reece Engineering Associates 80/03/13 31pp

8003190652 Responds to NRC 800223 request for info re LWR primary coolant sys pressure isolation valves Periodic leak tests & continuous monitoring have consistently demonstrated acceptable valve performance Interface tables encl  
UTLEY, E E Carolina Power & Light Co 80/03/14 8pp

8003200435 Forwards proposed ETS (nonradiological) for facility  
UTLEY, E E Carolina Power & Light Co 80/03/17 1p

--8003200438 Proposed ETS (nonradiological) for facility  
\* Carolina Power & Light Co 80/03/17 15pp

8003250451 Forwards responses to NRC 800225 request for info re turbine disc integrity in operating Westinghouse nuclear low pressure turbines Proprietary version of site-specific responses withheld (ref 10CFR2.790)  
UTLEY, E E Carolina Power & Light Co 80/03/18 40pp

## Q Inspection reports, IF Bulletins & correspondence

8003190985 Forwards IE Insp Rept 50-261/79-30 on 791211-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/14 2pp

--8003190589 IE Insp Rept 50-261/79-30 on 791211-14 No noncompliance noted Major areas inspected procedures, plant operations, licensee event followup & IE bulletin, notice & circular followup  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch  
MCHENRY, T J Region 2, Atlanta, Office of the Director 80/01/11 7pp

8003170007 Forwards IF Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31, 2pp.

8003190060 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120007 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180116 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells" Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003210059 Ack receipt of 800108 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-261/79-25  
BRVANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 1p

--8003210065 Responds to NRC 791214 ltr re violations noted in IE Insp Rept 50-261/79-25 Corrective actions seismic restraints will be reverified & discrepancies identified All data will be reviewed by stress analyst  
STARKEY, R B Carolina Power & Light Co 80/01/08 4pp

--8003210069 Forwards IF Insp Rept 50-261/79-25 on 791113-14 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/12/14 2pp

--8003210073 Notice of violation from insp on 791113-14  
\* Region 2, Atlanta, Office of the Director 79/12/11 2pp

--8003210077 IE Insp Rept 50-261/79-25 on 791113-14 Noncompliance noted failure to maintain adequate QA records & to identify all pipe supports & restraints per IE Bulletin 79-14  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch  
WILCOX, J D, MCDONALD, L Region 2, Atlanta, Office of the Director 79/12/11 4pp

8003180034 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003140471 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003140036 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003060571 Responds to IE Bulletin 79-27 Electrical sys & components vital to plant safety designed as Class I considered adequate for powering safety & nonsafety-related instrumentation  
FURR, B J Carolina Power & Light Co 80/02/28 5pp

8003180169 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 7 2pp

8003180112 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140406 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

## DOCKETED ITEMS

8003180069 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys For Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180124 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270034 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003270288 Ack receipt of 800205 ltr informing NRC of steps taken to correct deviation noted in IE Insp Rept 50-261/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/03/11 1p

--8003270296 Responds to NRC 800121 ltr re deviation noted in IE Insp Rept 50-261/79-29 Corrective actions nonindicating valve inside auxiliary bldg was locked open & appropriate operating procedure revised  
STARKEY, R B Carolina Power & Light Co 80/02/05 3pp

--8003270301 Forwards IE Insp Rept 50-261/79-29 on 791210-14 & notice of deviation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/21 2pp

--8003270309 Notice of deviation from insp on 791210-14  
\* Region 2, Atlanta, Office of the Director 80/01/16 1p

--8003270317 IE Insp Rept 50-261/79-29 on 791210-14 Noncompliance noted inadequate & substandard control & sectional valves for fire protection water sys  
MILLER, W H Region 2, Atlanta, Office of the Director  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/16 12pp

8003260203 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250547 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### R Periodic operating reports & related correspondence

8003040178 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
STARKEY, R B Carolina Power & Light Co 80/02/27 1p

--8003040183 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Carolina Power & Light Co 80/02/27 8pp

8003040413 Forwards "1979 Annual Operating Rept on Occupational Exposure " & "1979 Annual Operating Rept on Changes, Tests & Experiments "  
STARKEY, R B Carolina Power & Light Co 80/02/27 2pp

--8003040415 "1979 Annual Operating Rept on Occupational Exposure "  
\* Carolina Power & Light Co 79/12/31 2pp

--8003040417 "1979 Annual Operating Rept on Changes, Tests & Experiments "  
\* Carolina Power & Light Co 80/02/27 2pp

8003130469 Forwards monthly operating rept for Feb 1980  
STARKEY, R B Carolina Power & Light Co 80/03/07 1p

--8003130473 Monthly operating rept for Feb 1980  
WATFORD, M L Carolina Power & Light Co 80/03/04 3pp

#### S Reportable occurrences, LERs & related correspondence

8003240475 Forwards LER 80-003/031-0  
STARKEY, R B Carolina Power & Light Co 80/03/21 1p

--8003240484 LER 80-003/031-0 on 800221, while installing seismic restraint per mod 492-16, pinhole leak accidentally cut in C chemical & vol control sys holdup tank inlet piping Caused by personnel not clearing line prior to welding  
STARKEY, R B Carolina Power & Light Co 80/03/21 3pp

#### DOCKET 50-262 BRIGHAM YOUNG UNIV RESEARCH REACTOR

##### 0 Inspection reports, IE Bulletins & correspondence

8003110361 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003170050 Forwards IE Insp Rept 50-262/80-01 on 800117 No noncompliance noted Insp rept details withheld (ref 10CFR2 790)  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/19 2pp

--8003170055 IE Insp Rept 50-262/80-01 on 800117 No noncompliance noted Major areas inspected security plan, protection of SNM, security organization, access control, alarm sys, keys & locks & communications Details withheld (ref 1-CFR2 790)  
EVANS, C A Region 4, Dallas, Office of the Director  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/15 1p

#### DOCKET 50-263 MONTICELLO NUCLEAR GENERATING PLANT

##### F Security, medical, emergency & fire protection plans

8003170377 Discusses fire protection review, Item 3 1 10A(4), re proposal to reroute diesel fuel piping to bypass intake structure pump room Util 791004 proposal should be accepted  
MACDUGALL, E A Brookhaven National Laboratory 79/12/18 1p

8003050367 Forwards fire protection review of Item 3 2 4(1) re interior hose stations, hose reach drywell  
HALL, R E Brookhaven National Laboratory 80/02/26 2pp

8003040462 Submits evaluation of need for drywell fire detection sys required by NRC 790829 safety evaluation Installation of fire detectors in drywell is not required Detectors will not pick up incipient fires due to large amount of air movement  
MAYER, L O Northern States Power Co 80/02/29 2pp

8003050476 Forwards fire protection review of Item 3 2 3 re fire pumps, completing facility review  
HALL, R E Brookhaven National Laboratory 80/02/29 2pp

8003110544 Modifies commitment in NRC 790820 fire protection safety evaluation, Section 3 1 15 Alternate 250-volt power source to HPCI will be provided  
MAYER, L O Northern States Power Co 80/03/05 1p

#### I Financial information

8003240361 Forwards Annual Financial Rept 1979  
BRUSVEN, A D Northern States Power Co 80/03/18 1p

--8003240364 Annual Financial Rept 1979  
\* Northern States Power Co 80/02/28 40pp

#### J Insurance & indemnity information

8003040398 Forwards Endorsement 3 to MAELU Binder XB-17 & Endorsement 3 to NELIA Policy 5B-17  
JOHNSON, R G Northern States Power Co 80/02/26 5pp

8003040492 Forwards Endorsement 53 to NELIA Policy NF-174 & Endorsement 43 to MAELU Policy MF-51  
JOHNSON, R G Northern States Power Co 80/02/26 3pp

# DOCKETED ITEMS

61

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003030055 Forwards Amend 43 to License DPR-22, safety evaluation EIA & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/12 2pp

--8003030058 Amend 43 to License DPR-22, revising operating limit min critical power ratios & average planar linear heat generation rate limitations on fuel  
IPPOLITO, T A Operating Reactors Branch 3 80/02/12 7pp

--8003030061 Safety evaluation supporting Amend 43 to License DPR-22  
\* Operating Reactors Branch 3 80/02/12 19pp

--8003030063 EIA supporting Amend 43 to License DPR-22  
\* Operating Reactors Branch 3 79/02/13 2pp

--8003030065 Notice of issuance & availability & negative declaration re Amend 43 to License DPR-22  
IPPOLITO, T A Operating Reactors Branch 3 80/02/12 2pp

8003120722 Submits details of review program for Seismic Class I piping & supports, in response to NRC 800107 request One phase of two-phase renewal will be complete by Mar 1980  
GILBERTS, D E Northern States Power Co 80/02/13 2pp

8003040583 Informs that local leak rate testing or standby liquid control sys isolation check valve XP-6 indicated leakage exceeded Tech Spec criteria for individual isolation valves Cause under investigation  
ELIASON, L R Northern States Power Co 80/02/26 1p

8003050529 Forwards drawings & addl info requested in NRC 800107 ltr re problems associated w/containment venting & purging Drawings available in Central Files only  
MAYER, L O Northern States Power Co 80/02/26 6pp

8003200262 Summary of 800221 meeting w/NUTECH & Northern States Power Co re on-line leakage detection sys for BWR feedwater nozzles  
SNAIDER, R P Systematic Evaluation Program Branch (Pre 791030)  
80/02/27 5pp

8003190729 Notification of 800306 meeting w/util in Bethesda, MD to discuss implementation of Category A Lessons Learned Task Force requirements  
KEVERN, T A Operating Reactors Branch 3 80/02/29 2pp

8003240254 Forwards Amend 44 to License DPR-22 & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/27 3pp

--8003240257 Amend 44 to License DPR-22, revising Tech Specs concerning integrated containment leak testing to be consistent w/ current std Tech Specs, NUREG-0123, Revision 2  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 8pp

--8003240261 Notice of issuance & availability of Amend 44 to License DPR-22  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

8003060544 Forwards Revision 1 to offsite dose calculation manual  
MAYER, L O Northern States Power Co 80/03/03 1p

--8003060546 Revision 1 to offsite dose calculation manual  
\* Northern States Power Co 80/02/29 100pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003120440 On 800303, local leak rate testing of primary containment vent isolation valve AD 2876 indicated that leakage exceeded acceptance criteria Cause is being investigated  
ELIASON, L R Northern States Power Co 80/03/04 1p

8003120483 Responds to NRC 800273 request for info re primary coolant sys pressure isolation valves Valve configuration for RHR & core spray sys is check valve in series w/normally closed & normally open motor operated valves Oversize drawings encl  
MAYER, L O Northern States Power Co 80/03/07 5pp

8003170451 On 800307, 1980 local leak rate testing of torus instrument air isolation valve CV-7956 indicated that leakage exceeded acceptance criteria for individual isolation valves Cause under investigation  
ELIASON, L R Northern States Power Co 80/03/07 1p

8003260602 Requests status of 13 unresolved license amend requests Also requests copy of any addl amend requests & replacement pages for granted requests  
FERMAN, J W Minnesota, State of 80/03/19 2pp

## Q Inspection reports, IF Bulletins & correspondence

8003130131 Forwards IE Insp Rept 80-263/79-20 on 791218-20 & notice of violation  
HEISHMAN, R F Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/30 2pp

--8003130140 Notice of violation from insp on 791218-20  
\* Region 3, Chicago, Office of the Director 80/01/28 1p

--8003130147 IE Insp Rept 80-263/79-20 on 791218-20 Noncompliance noted plant operated w/fuel exposure greater than 30,000 MHD/STU  
790901-1221 w/o request for Tech Spec change  
CHOCULES, N C, WARNICK, R F Region 3, Chicago, Office of the Director 80/01/28 4pp

8003140449 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190036 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

800312018/ Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140248 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110137 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190468 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110190 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120692 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003260259 Responds to IE Bulletin 79-27 Sufficient alarms & automatic initiations would be caused by loss of power on buses to alert operator Has no inverters that supply power to sys that could affect ability to achieve cold shutdown  
GILBERTS, D E Northern States Power Co 80/02/28 2pp

8003120387 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p



## DOCKETED ITEMS

8003140331 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003310025 Ack receipt of 800213 ltr re steps taken to perform systematic review of Seismic Class I piping & supports, per IE Bulletin 79-11  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/03 1p

8003130458 Forwards Revision 5 to "ASME Code Section XI Inservice Insp & Testing Program & Info Required for NRC Review of Requests for Relief From ASME Code Section XI Requirements "  
MAYER, L D Northern States Power Co 80/03/05 11pp

8003180248 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260190 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260075 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260508 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003270099 Responds to IE Bulletin 79-01B Forwards master list of sys & components required to function under postulated accident conditions, component evaluation worksheets for components inside containment & svc condition profiles  
GILBERTS, D E Northern States Power Co 80/03/12 70pp

8003310002 Responds to IE Bulletin 80-03, "Loss of Charcoal from Std Type 11.2 Inch Tray Adsorber Collis " Standby gas treatment sys has Barney-Cheney Type FC-1521 & FC-2649 collis secured by studs & retaining clips Deficient cells not identified  
GILBERTS, D E Northern States Power Co 80/03/12 2pp

8003260313 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003290116 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260261 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003250542 Responds to IE Bulletin 79-01B Unqualified splices found inside containment in control cables for inboard MSIV solenoid valves will be replaced during current refueling outage  
ELIASON, L R Northern States Power Co 80/03/18 1p

R Periodic operating reports & related correspondence

8003030400 Forwards "Annual Rept of Occupational Exposure," rept of changes to QA plan & annual rept of changes, tests & experiments  
MAYER, L D Northern States Power Co 80/02/28 5pp

--8003030401 "Annual Rept of Occupational Exposure " \* Northern States Power Co, 80/02/28 1p

---8003030402 Changes to QA program for operations phase of facility \* Northern States Power Co 80/02/28 3pp

8003170267 Forwards monthly operating rept for Feb 1980  
MAYER, L D Northern States Power Co 80/03/10 1p

--8003170269 Monthly operating rept for Feb 1980  
MYRABO, A L Northern States Power Co 80/03/04 4pp

8003310256 Forwards revised monthly operating rept for Feb 1980  
MAYER, L D Northern States Power Co 80/03/25 1p

--8003310258 Revised monthly operating rept for Feb 1980  
MYRABO, A L Northern States Power Co 80/03/20 1p

8003310187 Forwards "Radiation Environ Monitoring Program Annual Rept, 1979 "  
WARD, E C Northern States Power Co 80/03/26 1p

--8003310191 "Radiation Environ Monitoring Program Annual Rept, 1979 " \* Northern States Power Co 80/02/12 46pp

S Reportable occurrences, LERs & related correspondence

8003040516 RD A02-B6A & A02-B6D main steam outboard isolation valves & HPCI-9 HPCI exhaust line check valve found to leak in excess of tests specified Cause not stated  
ELIASON, L R Northern States Power Co 80/02/25 1p

8003120607 RD on 800303, cable routing review revealed lack of physical separation between certain cables & lack of interlock pressure signals to meet FSAR separation criteria Resolution of items is being pursued by plant personnel  
ELIASON, L R Northern States Power Co 80/03/04 1p

8003110513 RD on 800223, during local leak rate testing, reactor core isolation cooling sys exhaust check valves 9 & 10 indicated excessive combined leakage Repairs made to both isolation valves  
ELIASON, L R Northern States Power Co 80/03/06 1p

8003170313 RD on 800306, during outboard MSIV repair, flow path existed between secondary containment & turbine bldg Caused by turbine stop valve work in progress when MSIV main poppet was pulled No corrective action discussed  
ELIASON, L R Northern States Power Co 80/03/07 1p

8003180633 RD on 800307, local leak rate testing of primary containment drywell equipment drain sump isolation valves AD 2561 A & B, indicated leakage exceeded Tech Spec limit Cause under investigation  
ELIASON, L R Northern States Power Co 80/03/10 1p

8003180635 RD on 800311, w/reactor mode switch in refuel position, rod withdrawal block was not received when refueling bridge was over core Caused by maladjusted actuating arm of limit switch, which opens when bridge is over core  
ELIASON, L R Northern States Power Co 80/03/11 1p

8003240405 Forwards LER 80-007/01T-0  
MAYER, L D Northern States Power Co 80/03/17 1p

--8003240407 LER 80-007/01T-0 on 800303, during refuel shutdown, cable routing for HPCI & automatic depressurization sys cables identified lack of physical separation between automatic depressurization sys cables & ones for div of HPCI sensors  
SMITH, G R Northern States Power Co 80/03/14 1p

8003240422 RD 800314, local leak rate testing of MSIV AD 2-80A indicated that leakage exceeded acceptance criteria for MSIVs as defined by Tech Specs Cause being investigated  
ELIASON, L R Northern States Power Co 80/03/17 1p

8003250403 Forwards LER 80-011/01T-0  
MAYER, L D Northern States Power Co 80/03/20 1p

--8003250409 LER 80-011/01T-0 on 800306, during refueling outage, repairs to outboard MSIV stop valve revealed flow path between secondary containment & turbine bldg when MSIV poppet was pulled Caused by lack of preventive procedure controls  
OVERLID, T Northern States Power Co 80/03/20 1p

8003240551 Forwards LER 80-013/01T-0  
MAYER, L D Northern States Power Co 80/03/21 1p

--8003240564 LER 80-013/01T-0 on 800309, during refueling operations, rod withdrawn block not received when refueling bridge traversed core Caused by actuating arm out of adjustment Components readjusted & interlocks tested prior to refueling  
MYRABO, A L Northern States Power Co 80/03/21 1p

8003310358 Forwards LER 80-006/03L-0  
MAYER, L D Northern States Power Co 80/03/26 1p

# DOCKETED ITEMS

63

--8003310362 LER 80-006/03L-O on 800226, during refueling outage, seven of main steam line area temp switches found to trip above required level. Caused by setpoint drift. Switches recalibrated. HILL, W J Northern States Power Co 80/03/26 1p

## DOCKET 80-264 DOW CHEMICAL CO

### H General correspondence

8003030549 Informs of recent personnel changes in reactor operations. Reactor Operations Committee chairman H Gill replaced by J Macki, health physicist S Norwood replaced by J Parsons & senior reactor operator P North replaced by J Simpson. LANGNER, R R Dow Corning Corp 80/02/22 1p

### G Inspection reports, IE Bulletins & correspondence

8003120084 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required. KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

## DOCKET 80-265 QUAD-CITIES STATION, UNIT 2

### F Security, medical, emergency & fire protection plans

8003170488 Forwards comments on supplementary items re fire protection review for facilities. MACDOUGALL, E A Brookhaven National Laboratory 79/10/08, 6pp

8003030438 Notifies that no detection sys is needed in refueling floor fire detection sys Area has low fire loading make-up water & condensate cooling available in event of equipment loss. JANECEK, R F Commonwealth Edison Co 80/02/25 2pp

8003040284 Forwards response to NRC 791022 request for info re safe shutdown analysis for fire. Describes means for taking plant from hot shutdown to cold shutdown. Analysis does not rely on repairs or addition of metals. Repair procedures unnecessary. JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

8003050550 Forwards response to Item B(1) in NRC 791022 ltr & drawings re fire protection safe shutdown analysis. Control circuit design will be submitted by 800601. Drawings available in Central Files only. JANECEK, R F Commonwealth Edison Co 80/02/29 7pp

8003140251 Forwards "Fire Protection Safe Shutdown Analysis, Suppl 2, Cold Shutdown." JANECEK, R F Commonwealth Edison Co 80/03/04 1p

--8003140269 "Fire Protection Safe Shutdown Analysis, Suppl 2, Cold Shutdown." \* Commonwealth Edison Co 80/01/31 12pp

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone." Rept findings should be considered preliminary. PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

--8003210555 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone." \* Stone & Webster Engineering Corp 80/01/31 51pp

### G Adjudicatory correspondence

8003070295 Forwards confirmatory order requiring licensee to install recirculation pump trip by 801231 as stated in 790329, 1130 & 800204 ltrs of commitment. DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 1p

--8003070307 Confirmatory order requiring licensee to install recirculation pump trip or in alternative place & maintain facility in cold shutdown or refueling mode of operation by 801231. EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

### H General correspondence

8003180622 Requests facility 790722 SER & placement on NRC mailing list for future updated SERs. HALL, R E Brookhaven National Laboratory 80/03/06 1p

### I Financial information

8003250541 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures. NEXCON, H H Commonwealth Edison Co 80/03/18 4pp

### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109. EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis." POWERS, D A Core Performance Branch 79/11/30 106pp

8003060068 Discusses 800124 meeting w/util at site re safety impact assessment of near-term CL issues in NUREG-0660. Info provided by util will be considered in NRC actions re resumption of issuance of DLS. HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/22 1p

8003110463 Forwards addl documentation re compliance w/Section 2.1.4 of Lessons Learned Task Force Category A items. Containment isolation sys reviewed to assure that diverse containment isolation signals satisfy safety-grade requirements. PEOPLES, D L Commonwealth Edison Co 80/02/25 57pp

8003190005 Confirms 800219 telcon informing of 800227 meeting w/util in Glen Ellyn, IL to discuss radioactive matl transportation, specific transportation regulation violation & NRC enforcement options. KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/25 1p

8003030373 Responds to NRC 800121 ltr requesting addl info re containment vent & purge sys. All valves modified to require closed position for control switches prior to manual reset. Drawings available in Central Files only. JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003070396 Forwards responses to NRC 800121 questions re containment vent & purge sys. Also forwards list of process & instrumentation & schematic drawings of vent & purge sys. JANECEK, R F Commonwealth Edison Co 80/02/28 4pp

8003270346 Summary of 800222 telcon w/NRC re 800219 ltr concerning factor of safety on shell type expansion anchors on safety-related piping sys. PEOPLES, D L Commonwealth Edison Co 80/02/29 2pp

8003190457 Forwards listing of changes, tests & experiments completed at facility during Feb 1980. Summary of safety evaluation included. KALIVIANAKIS, N Commonwealth Edison Co 80/03/05 3pp

8003250353 Forwards NRC 800305 "Evaluation of Licensee Compliance w/Category A Items of NRC Recommendations Resulting from TMI-2 Lessons Learned." All requirements have been satisfactorily met. ZIEHMANN, D Operating Reactors Branch 2 80/03/05 13pp

8003110432 Forwards revised proposed Tech Specs Pages 1 1/2 1-2, 1 1/2 1-3, 1 1/2 1 8, 1 1/2 1-9 & 3 1/4 1-1. Average power range monitor gain adjustment option has been eliminated from proposed amend. PEOPLES, D L Commonwealth Edison Co 80/03/07 2pp

--8003110437 Revised proposed Tech Specs Pages 1 1/2 1-2, 1 1/2 1-3, 1 1/2 1-8, 1 1/2 1-9 & 3 1/4 1-1, eliminating average power range monitor gain adjustment sections. \* Commonwealth Edison Co 80/03/07 4pp

8003180345 Responds to 800223 request for info re existing primary coolant sys pressure isolation valves. NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

8003240464 Forwards proposed amends to App A Tech Specs to include extended exposure max average planar linear heat generation rate curves. Extended exposures for fuel types have been analyzed by GE & incorporated into NEDD-24146A. PEOPLES, D L Commonwealth Edison Co 80/03/19 2pp

## DOCKETED ITEMS

--8003240471 Errata & Addenda Sheet 2, replacing Page 4-9 to "LOCA Analysis Rpt for Facilities"  
\* General Electric Co NEDO-24146A 79/04/30 3pp

--8003240490 Proposed Tech Spec page changes, replacing Pages 3 5-1 (Sheet 1 of 3), Figure 3 5-1 (Sheet 2 of 3), Figure 3 5-1 (Sheet 3 of 3), Figure 3 5-1 (Sheet 4 of 3) & Figure 3 5-1 (Sheet 5 of 3)  
\* Commonwealth Edison Co 80/03/19 6pp

8003310184 Forwards Amend 5i to License DPR-30, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/03/20 2pp

--8003310189 Amend 5i to License DPR-30, changing Tech Specs to support util review of future reloads & modifying Condition 3 C to assure conservative max critical power ratio operating limit during coastdown operation  
IPPOLITO, T A Operating Reactors Branch 3 80/03/20 51pp

--8003310192 Safety evaluation supporting Amend 5i to License DPR-30  
\* Office of Nuclear Reactor Regulation 80/03/20 5pp

--8003310196 Notice of issuance & availability of Amend 5i to License DPR-30  
IPPOLITO, T A Operating Reactors Branch 3 80/03/20 2pp

#### Q Inspection reports, IE Bulletins & correspondence

8003040349 Appeals denial of FOIA request for NRC rpt re investigation of alleged security breaches at facilities  
RUNNINGEN, R Affiliation Unknown 80/01/20 1p

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003200405 Forwards IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/05 2pp

--8003200408 IE Insp Repts 50-010/80-02, 50-237/80-02, 50-249/80-02, 50-254/80-02 & 50-265/80-04 on 800110 No noncompliance; noted Major areas inspected discussion of recent personnel errors  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/28 4pp

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director, 80/02/06 1p

8003280647 Ack receipt of 800117 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-254/79-27 & 50-265/79-24  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/06 1p

--8003280654 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-254/79-27 & 50-265/79-24 Corrective actions weeds & brush removed from isolation area Portions withheld (ref 10CFR2.790)  
PEOPLES, D L Commonwealth Edison Co 80/01/17 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director, 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003310440 Forwards Waste Packaging Insp Rept 79-06A on 791126-28 No noncompliance noted.  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch, 80/02/13 2pp

--8003310452 Waste Packaging Insp Rept 79-06A on 791126-28 No noncompliance noted Major areas inspected shipping paper & DDT placarding requirements, radiation levels, removable contamination & DDT marking & labeling requirements  
PATTER, J P, BROWN, R A Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/13 4pp

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003040347 Responds to appeal re denial of FOIA request for NRC rpt concerning investigation of alleged security breaches NRC & FBI conclude that info release would jeopardize enforcement actions Document withheld (ref FOIA Exemption 7)  
DIRCKS, W J Office of Nuclear Material Safety & Safeguards 80/02/26 1p

8003130673 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-265/79-27  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/26 1p

--8003130678 Responds to NRC 800126 ltr re violations noted in IE Insp Rept 50-265/79-27 Corrective actions annual restraining program for employees will be reviewed & necessary changes will be made  
PEOPLES, D L Commonwealth Edison Co 80/02/19 4pp

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation"  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003270112 Forwards master lists of plant protection sys in response to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Includes equipment required to function in event of LOCA, main steam or energy line break  
PEOPLES, D L Commonwealth Edison Co 80/03/04 91pp

8003180229 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003270220 Forwards NRC evaluation of util responses to IE Bulletin 79-08, "Events Relevant to BWRs Identified During TMI Incident"  
IPPOLITO, T A Operating Reactors Branch 3 80/03/10 42pp

8003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

65

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050417 Forwards errata sheet for semiannual rept for Apr-June, 1979 & semiannual rept for radioactive effluents & occupational radiation exposure for Jul-Dec, 1979  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/06 1p

--8003050419 Errata sheet for effluent & waste disposal semiannual rept, Apr-June 1979  
\* Commonwealth Edison Co 80/02/06, 1p

--8003050423 Semiannual rept for radioactive effluents & occupational radiation exposures for July-Dec 1979  
\* Commonwealth Edison Co 80/02/06 18pp

## S Reportable occurrences, LERs & related correspondence

8003060628 FOIA request for info re facility security, 760321 overexposure incident, 791209 radioactive water release & 791204 sabotage attempt  
ROMIC, B Affiliation Unknown 80/01/25 1p

8003130528 PNO-111-80-029 on 800208, industrial accident occurred in area of torus involving loss of two fingers by contractor  
No gross contamination was detected due to low contamination levels in torus area  
CHRISBOTHMOS, N, SPESSARD, R L Region 3, Chicago, Office of the Director 80/02/08 1p

8003040547 Forwards supplemental LER 80-030/03L-1  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/19 1p

--8003040554 Supplemental LER 79-030/03L-1 on 791228, while performing surveillance procedures GDB 30-2, RHR svc water vault bed plate drain check & bed plate drain valve AD 2-4979-59 failed to close Caused by component failure Valve rebuilt  
HANNUM, D Commonwealth Edison Co 80/02/19 1p

8003060637 Responds to FOIA request for info re facility security, 760321 overexposure incident, 791209 radioactive water release & 791204 sabotage attempt, Forwards documents listed in App A. No document available re grand jury inquest  
FELTON, J M Division of Rules and Records 80/02/21 3pp

--8003060644 Forwards IE Insp Repts 50-254/76-10 & 50-265/76-08 re insp on 760330-0402  
FIORELLI, G Region 3, Chicago, Reactor Operations Nuclear Support Branch 76/04/21 2pp

--8003060652 IE Insp Rept 50-254/76-10 & 50-265/76-08 on 760330-0402 Noncompliance noted liquid effluent release & personnel radiation exposure  
KNOP, R C, FEIERABEND, C D Region 3, Chicago, Office of the Director 76/04/02 7pp.

--8003060663 RD 760330, while reviewing personnel exposure rept for 760112-0321 discovered that mechanical foreman received whole body radiation exposure of 3.130 rem Caused by employee failure to log daily personal dosimeter readings.  
KALIVIANAKIS, N Commonwealth Edison Co 76/04/29 5pp

--8003060671 Forwards response to NRC 760521 ltr re steps taken to correct violations noted in IE Insp Repts 50-254/76-10 & 50-265/76-08 Util 760409 rept describes 760323 discharge of liquid radwaste  
BOLGER, R L Commonwealth Edison Co 76/05/18 2pp.

--8003060680 Forwards RD 50-254/76-14 & rept re first quarter 1976 overexposure RD only encl  
PROSECKY, M A Commonwealth Edison Co 76/05/18 1p.

--8003060695 Ack receipt of 760429 ltr re radiation exposure of individual Cause of noncompliance & actions to preclude recurrence will be reviewed during future insp.  
THOMPSON, D Office of Inspection & Enforcement, Office of the Director. 76/05/20, 1p

--8003060701 Ack receipt of 760518 ltr informing NRC of steps taken to correct items of noncompliance noted in 760421 ltr. Corrective actions will be examined during future insp.  
FIORELLI, G Region 3, Chicago, Reactor Operations Nuclear Support Branch. 76/05/26, 1p

--8003060712 PNO-79-057 during refueling outage, RHR heat exchanger draining operation was terminated when unplanned release of radioactive liquid was suspected Caused by equipment operator opening all valves feeding instrument header  
CHRISBOTHMOS, N, SPESSARD, R L Region 3, Chicago, Office of the Director 79/12/10 2pp

--8003060727 PNO-79-057A updating PNO-79-057 gross gamma analysis of water in storm sewer-oil separator sys indicates release of radioactive liquid to MS River did occur Caused by partially open diffuser gate allowing canal discharge into river  
CHRISBOTHMOS, N, SPESSARD, R L Region 3, Chicago, Office of the Director 79/12/10 1p

--8003060739 IE Insp Rept 50-254/79-25 & 50-265/76-08 on 791105-1214 No items of noncompliance noted Major areas inspected maint plant operations, refueling activities, calibr, radiation protection, independent areas & unusual event  
CHRISBOTHMOS, N, SPESSARD, R L Region 3, Chicago, Office of the Director 79/12/14 6pp

8003170452 Forwards supplemental LER 80-001/03L-1  
KALIVIANAKIS, N Commonwealth Edison Co 80/02/25 1p

--8003170457 Supplemental LER 80-001/03L-1 on 800108, while performing SBL relief valve setpoint check, relief valves RV 1105A & RV 1105B actuated above Tech Spec limit Caused by relief valve setpoint drift Valves removed, inspected & rebuilt  
VAHRENWALD, J Commonwealth Edison Co 80/02/25 1p

8003200398 Forwards LER 80-003/03L-0  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/01 1p

--8003200404 LER 80-003/03L-0 on 800213, while performing procedure Q18 35-2, reactor bldg ventilation sys would not reset after test isolation Caused by burnt CR 120 relay Relay 1705-105 replaced & functional test successfully completed  
WYKOFF, D Commonwealth Edison Co 80/03/01 1p

8003120405 Forwards updated LER 79-027/03L-1  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/04 1p

--8003120413 Updated 79-027/03L-1 on 791126, six occurrences identified whereby excessive leakages were measured w/respect to primary containment isolation valves Caused by component failure & seating problems  
KAN, S Commonwealth Edison Co 80/03/04 12pp

8003200412 Forwards LER 80-004/03L-0  
KALIVIANAKIS, N Commonwealth Edison Co 80/03/06 1p.

--8003200415 LER 80-004/03L-0 on 800219, while performing procedure QMS 700-1, automatic blowdown timer 287-105A took 122-s to time out, exceeding Tech Spec limit Caused by instrument setpoint drift Timer adjusted & verified to be 100-s  
VAHRENWALD, J Commonwealth Edison Co 80/03/06 1p

## DOCKET 50-266 POINT BEACH NUCLEAR PLANT, UNIT 1

### F Security, medical, emergency & fire protection plans

8003170255 Forwards recommendations for fire protection design review Items 3.1.2 & 3.1.2.3 re carbon dioxide hose reel nozzles & smoke exhaust  
MACDOUGALL, E A Brookhaven National Laboratory 79/11/30 2pp

8003060531 Forwards info re open fire protection issues review Encl 1 summarizes status of open issues Encl 2 is NRC evaluation of design description for proposed detector installations Util 791220 proposal for detector placement is acceptable  
LAINAS, G Plant Systems Branch 80/02/05 6pp

8003280029 Forwards open items & resolution of incomplete items for 790802 fire protection program re safety evaluation rept  
Requests response within 30 days  
SCHWENGER, A Operating Reactors Branch 1 80/03/05 4pp

8003280455 Submits comprehensive evaluation on three util fire detector analyses, separately evaluated by BNL on 800303, 0212 & 791130 NRC should study effects of congestion, ventilation/stratification on detector performance  
BACCIO, J Brookhaven National Laboratory. 80/03/20 3pp

## DOCKETED ITEMS

## G Adjudicatory correspondence

8003050263 Notifies that NRC 800103 order modifying 791130 confirmatory order did not arrive until period for requesting hearing had expired. No acknowledgment received re 791126 petition to intervene  
FALK, K M Wisconsin's Environmental Decade 80/02/11 1p

8003140143 Response in opposition to NRC 800211 motion to deny intervenor request for hearing on Commission 791130 confirmatory order. Injury may be inflicted by inaction per Medical Committee vs SEC  
FALK, K M Wisconsin's Environmental Decade 80/02/22 7pp

8003040514 Notifies that intervenor is being served w/pertinent documents. Requests that Commission enforce ex parte rules against util & institute specific procedures to ensure that future ex parte documents are not considered  
FALK, K M Wisconsin's Environmental Decade 80/02/26 2pp

8003030526 Petitions Commission to deny impending request to continue operation for two wks & to order shutdown until completion of adjudicatory hearing re tube degradation issue  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/28 1p

8003030536 Requests emergency amend to Commission 791130 confirmatory order, so that Unit 1 can remain in svc. until 800310, due to Unit 2 shutdown caused by 800227 secondary leakage in excess of Tech Spec limit  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/28 3pp

## H General correspondence

8003060138 Forwards NUREG/CR-0199, "Radiological Assessment of Steam Generator Removal & Replacement," in response to 791129 ltr. Util has made no request to replace steam generators w/o enc1  
EISENHUT, D G Division of Operating Reactors 80/01/04 1p

8003060555 Requests clarification of Licensee 800226 ltr stating that five defective tubes found during Oct 1979 insp will be pulled  
FALK, K M Wisconsin's Environmental Decade 80/03/02 1p

8003310090 Responds to FOIA requests for documents re plant safety identified by accession & rept number, author, description & number of pages. Forwards documents listed in App A Documents 5 & 26 partially withheld (ref FOIA Exemption 4)  
FELTON, J M Division of Rules and Records 80/03/03 8pp

--8003310105 80-266/79-1B on 751217, during facility refueling, failed fuel assembly discovered on D-03 fuel rods. Caused by water impingement through baffle plate while failed assembly was in Cycle 2 Position H-1. Thorough insp program is underway  
BURSTEIN, S Wisconsin Public Service Corp 75/12/30 9pp

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 10pp

8003060639 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown. No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENGER, A Operating Reactors Branch 1 79/12/28 1p

8003120734 Requests onsite 800206 & 07 meeting to discuss responses to enc1 info needs re inservice testing program  
SCHWENGER, A Operating Reactors Branch 1 80/01/03 8pp

8003050121 Notification of 800225 meeting w/util in Bethesda, MD to discuss implementation of Lessons Learned Task Force Category A items  
TRAMMELL, C M Operating Reactors Branch 1 80/02/19 1p

8003050148 Summary of 800102 meeting w/Peter Anderson of WI Environ Decade re steam generators. Clements 800116 memo enc1  
SAUTER, G D Commission 80/02/19 2pp

8003240175 Summarizes 800102 visit by P Anderson of WI Environ Decade re steam generators at util. Potential ex parte question involved. Conversation similar to summary of enc1 WL Clements 800116 memo. Recommended sending ltr to NRC  
SAUTER, G D Commission 80/02/19 1p

--8003240182 Summarizes 800102 meeting w/P Anderson of WI Environ Decade concerning petition filed re facility. Author unaware that proceeding had commenced. Discussed desirability of metallurgical analysis of tubes identified in 791116 LER  
CLEMENTS, W L Commission 80/01/16 1p

8003120407 Summary of 800206 meeting w/util & Westinghouse re turbine disc insps. Lists of attendees & summary of disc fracture analysis enc1  
TRAMMELL, C M Operating Reactors Branch 1 80/02/21 5pp

8003030516 Forwards addl fee in response to NRC 800205 ltr re review & approval of Tech Spec Change Request 61. Fee submitted under protest  
FAY, C W Wisconsin Electric Power Co 80/02/22 2pp

8003050502 Forwards amend fees re Tech Spec Change Request 59, in response to 800802 ltr dismissing util protest against payment. Util believes fee inappropriate  
FAY, C W Wisconsin Electric Power Co 80/02/25 2pp

8003130036 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup. No licensing action required for operating reactors. Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCH' NRCER, A Operating Reactors Branch 1 80/02/25 2pp

8003190249 Summary of 800206 meeting w/util re forthcoming steam generator tube insp required by 791130 confirmatory order  
TRAMMELL, C M Operating Reactors Branch 1 80/02/27 8pp

8003060468 Responds to 800226 ltr from WI Environ Decade to NRC w/ complaint about not receiving pertinent documents re facilities. All info re Unit 1 served. Unit 2 no longer subj of proceedings  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/29 2pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDE, R Operating Reactors Branch 1 80/03/03 14pp

8003270465 Discusses 800308 meeting w/util & Westinghouse at site re explosively plugged tube removal process, associated radiation exposure & impact on outage time  
SHAD, L C Engineering Branch 80/03/12 2pp

8003190573 Forwards response to NRC 800225 & 0304 requests for addl info re util implementation of & commitment to requirements of NUREG-057B. Revisions to emergency operating procedures ensure proper use of pressurizer heaters during accidents  
FAY, C W Wisconsin Electric Power Co 80/03/14 75pp

8003260372 Forwards response to NRC 800225 ltr re safety significance of keyway cracking in low pressure turbine rotor discs. Application for withholding proprietary info & affidavit enc1. Portion of response withheld (ref 10CFR2.790)  
BURSTEIN, S Wisconsin Electric Power Co 80/03/19 24pp

## I Inspection reports, IE Bulletins &amp; correspondence

8003190952 Forwards IE Insp Repts 80-266/79-19 & 80-301/79-21 on 791204-07, 14-15 & 18. No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/01/30 2pp

--8003190968 IE Insp Repts 80-266/79-19 & 80-301/79-21 on 791204-07, 14, 15 & 18. No noncompliance noted. Major areas inspected bulletin followup, nonroutine event followup & independent insp  
SMITH, J D, WARNICK, R F Region 3, Chicago, Office of the Director 80/01/25 5pp

8003140472 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys." No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190044 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

# DOCKETED ITEMS

67

8003120196 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140255 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003200495 Forwards IE Insp Repts 50-266/79-14 & 50-301/79-16 on 791011, 1114-15, 1217-19 & 800107-08  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/07 2pp

--8003200506 IE Insp Repts 50-266/79-14 & 50-301/79-16 on 791011, 1114-15, 1217-19 & 800107-08 No noncompliance noted Major areas inspected GA/GC program, implementing procedures, work activities & nondestructive examination of data  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch WARD, K D Region 3, Chicago, Office of the Director 80/02/04 16pp

8003110150 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190372 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003280182 Forwards IE Insp Rept 50-266/80-01 on 800108-11 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/12 2pp

--8003280191 IE Insp Rept 50-266/80-01 on 800108-11 No noncompliance noted Major areas inspected incore/excore calibr, isothermal temp coefficient measurement, target axial flux difference calculation & shutdown margin determination  
CHOW, E T, STREETER, J F Region 3, Chicago, Office of the Director 80/02/06 4pp

8003310460 Forwards IE Insp Repts 50-266/79-20 & 50-301/79-22 on 791211-12 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/16 2pp

--8003310468 IE Insp Repts 50-266/79-20 & 50-301/79-22 on 791211-12 No noncompliance noted Major areas inspected licensee actions in response to IE Bulletin 79-19, "Packaging of Low Level Radwaste for Transport & Burial "  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch GREGOR, L R Region 3, Chicago, Office of the Director 80/02/08 7pp

8003140430 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003030501 Forwards steam generator insp plan which will be conducted during shutdown to perform tests required by 791130 Confirmatory Order for mod of license SVC list encl  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/26 2pp

--8003030505 Steam generator insp plan, Mar 1980  
FAY, C W Wisconsin Electric Power Co 80/02/22 5pp

8003120694 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120432 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140339 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003310401 Forwards response to IE Bulletin 79-27, "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation " Loss of power to any instrument bus will not affect ability to go to safe shutdown  
FAY, C W Wisconsin Electric Power Co 80/02/29 3pp

8003240571 Ack receipt of 800211 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-266/79-18 & 50-301/79-19 Revised notice of violation encl  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/03/03 2pp

--8003240579 Revised notice of violation from insp on 791126-30 Item of noncompliance changed from infraction to deficiency  
\* Region 3, Chicago, Office of the Director 80/03/03 1p

--8003240593 Responds to NRC 800111 ltr re violation noted in IE Insp Repts 50-266/79-18 & 50-301/79-19 Corrective actions: checklist revised to include space to ack receipt of acceptable analysis results  
EDY, C W Wisconsin Electric Power Co 80/02/11 2pp

8003180251 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003110649 Forwards supplemental progress rept in response to IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys " Next rept will be forwarded during May 1980  
FAY, C W Wisconsin Electric Power Co 80/03/07 6pp

8003260195 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260517 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260558 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260329 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250127 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260275 Forwards IE Circular 80-04, "Securing of Thread Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

R Periodic operating reports & related correspondence

8003060547 Forwards "Annual Results & Data Rept, 1979 "  
FAY, C W Wisconsin Electric Power Co 80/02/27 1p

--8003060549 "Annual Results & Data Rept, 1979 "  
\* Wisconsin Electric Power Co 79/12/31 100pp

8003070357 Forwards "Semiannual Monitoring Rept, Jul-Dec 1979 " Contains info re plant releases, new fuel receipts, environ radiological monitoring & leak testing of sources  
FAY, C W Wisconsin Electric Power Co 80/02/27 1p

--8003070359 "Semiannual Monitoring Rept, Jul-Dec 1979 "  
\* Wisconsin Electric Power Co, 79/12/31 15pp

8003180538 Forwards monthly operating repts for Feb 1980  
FAY, C W Wisconsin Electric Power Co 80/03/10 1p

## DOCKETED ITEMS

--8003180542 Monthly operating repts for Feb 1980  
FAY, C W Wisconsin Electric Power Co 80/03/06 10pp

## DOCKET 50-267 FORT ST VRAIN NUCLEAR GENERATING STATION

## F Security, medical, emergency &amp; fire protection plans

8003110620 Forwards "Preliminary Evacuation Time Study of 10-mile Radius Emergency Planning Zone", in response to NRC 791129 & 800129 ltrs Final issue of study will be forwarded upon review completion  
WAREMBOURG, D W Public Service Co of Colorado 80/03/05 1p

--8003110629 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone"  
\* Stone & Webster Engineering Corp 80/02/29 45pp

## P Operating license stage documents &amp; correspondence

8003120307 Requests designation of Tri-State Motor Transit terminal in Pocatello, ID as safe haven for spent reactor fuel shipment  
Map encl  
WAREMBOURG, D W Public Service Co of Colorado 79/12/21 2pp

8003180114 Ack receipt of 791221 proprietary request for addl safe haven on approved spent fuel route. Concurs with designation of location Encl withheld (ref 10CFR2 790)  
MCCORMACK, G W Physical Security Licensing Branch 80/01/24 1p

8003120280 Forwards revised sys description reflecting changes made by planned loop split mod of helium circulator auxiliary sys.  
Inservice date scheduled for 810131  
SWART, F E Public Service Co of Colorado 80/03/03 37pp

8003190478 Forwards omitted Pages 4-129 through 4-132 & corrected Pages 5-95 & 5-96 to QA-D15369, "Investigation of Reactor Fluctuations, Vol 1," & "Investigations of Reactor Fluctuations, Vol 2," respectively  
SWART, F E Consumers Power Co 80/03/10 2pp

--8003190483 Errata to "Investigations of Reactor Fluctuations, Vol 1," consisting of omitted Pages 4-129 through 4-132  
\* General Atomic Co (subs of Gulf Oil Co) QA-D15369V1  
80/03/10 4pp

--8003190488 Errata to "Investigation of Reactor Fluctuations, Vol 2," consisting of corrected Pages 5-95 & 5-96  
\* General Atomic Co (subs of Gulf Oil Co) QA-D15369 V2  
80/03/10 2pp

8003260578 Forwards "Interim Rept 14, Initial Approach to Power Tests (B-Series) for 791123-800222"  
WAREMBOURG, D W Public Service Co of Colorado 80/03/10 1p

--8003260581 "Interim Rept 14, Initial Approach to Power Tests (B-Series) for 791123-800222" Future interim repts will submit results of power levels above 70%  
\* Public Service Co of Colorado 80/02/22 2pp

8003260597 Forwards "Initial Approach to Power Tests (B-Series)," Interim Rept 14 for period ending 800222  
WAREMBOURG, D W Public Service Co of Colorado 80/03/10 1p

--8003260603 "Initial Approach to Power Tests (B-Series)," Interim Rept 14 for period ending 800222  
\* Public Service Co of Colorado 80/03/10 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060416 Forwards IE Insp Rept 50-267/79-22 on 791201-28 & notice of violation  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/01/10 2pp

--8003060422 Notice of violation from insp on 791201-28,  
\* Region 4, Dallas, Office of the Director, 80/01/10 2pp

--8003060428 IE Insp Rept 50-267/79-22 on 791201-28 Noncompliance noted failure to follow procedures & write procedure,  
WESTERMAN, T F, COLLINS, R E, SMITH, R Region 4, Dallas, Office of the Director, 80/01/10 10pp

8003110356 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003140159 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/06 1p

8003110205 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/09 1p

8003250602 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003190981 Ack receipt of 800201 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-267/79-22  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/15 1p

--8003190990 Responds to NRC 800110 ltr re violations noted in IE Insp Rept 50-267/79-22 Corrective actions maint personnel sent ltr emphasizing cleanliness requirements Electrical crew received memo re recording & performing requirements  
LEE, Q R Public Service Co of Colorado 80/02/01 2pp

8003250156 Forwards IE Investigation Rept 50/267-80-03 on 800128-30 No noncompliance noted  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/19 2pp

--8003250160 IE Investigation Rept 50-267/80-03 on 800128-30 No noncompliance noted Major areas inspected alleged irregular security practices of Stanley Smith Security Sys, Inc contract svcs Details withheld (ref 10CFR2 790)  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch HERR, R K, COLLINS, R Region 4, Dallas, Office of the Director 80/02/06 2pp

8003140028 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120325 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003140317 Forwards supplemental info to IE Bulletin 79-018, "Environment qualification of Class IE Equipment" Response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 7pp

8003260561 Forwards "Inservice Insp & Testing Proposed Tech Specs Surveillance Requirements Prestressed Concrete Reactor Vessel," & "Inservice Insp Testing Program Surveillance Requirements Review for Prestressed Concrete Reactor"  
FULLER, J K Public Service Co of Colorado 80/03/03 2pp

--8003260565 "Inservice Insp & Testing Proposed Tech Specs Surveillance Requirements Prestressed Concrete Reactor Vessel," draft Revision 2  
\* Public Service Co of Colorado 80/02/27 11pp

--8003260571 "Inservice Insp & Testing Program Surveillance Requirements Review for Prestressed Concrete Reactor Vessel," Revision 2  
\* Public Service Co of Colorado 80/02/27 15pp

--8003260576 "Inservice Insp & Testing Proposed Tech Spec Surveillance Requirements Prestressed Concrete Reactor Vessel Internals," draft Revision 2  
\* Public Service Co of Colorado 80/02/27 4pp

--8003260578 "Inservice Insp & Testing Program Surveillance Requirements Review for Prestressed Concrete Reactor Vessel Internals," Revision 1  
\* Public Service Co of Colorado 80/02/27 22pp

8003180106 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards," No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/06 1p

# DOCKETED ITEMS

69

B003180011 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

B003190229 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

B003260134 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys For Operating Power Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

B003260356 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

B003250421 Forwards IE Info Notice 80-16, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

B003260331 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

B003050484 Forwards "Annual Operating Rept, Number 9, Jan-Dec 1979 " WAREMBURG, D Public Service Co of Colorado 80/02/25 1p

B003120442 Forwards "Environ Radiation Surveillance Program Summary Rept, Third & Fourth Quarters 1979." & "Ecological Monitoring Progress Rept, Jul-Dec 1979 " SHART, F E Public Service Co of Colorado 80/02/26 1p

---B003120446 "Environ Radiation Surveillance Program Summary Rept, Third & Fourth Quarters 1979 " JOHNSON, J E Colorado State Univ 80/01/31 147pp

---B003120450 "Ecological Monitoring Progress Rept, Jul-Dec 1979 " OLIVER, F A Thorne Ecological Institute 80/02/04 133pp

B003170270 Forwards monthly operating rept for Feb 1980 WAREMBURG, D Public Service Co of Colorado 80/03/11 1p

---B003170274 Monthly operating rept for Feb 1980 GAHM, J W Public Service Co of Colorado 80/03/01 5pp

## S Reportable occurrences, LERs & related correspondence

B003250009 PNO-IV-80-010 on B00304, hydraulic oil fire occurred in turbine bay Caused by hydraulic oil leakage from valve flange on to hot steam traps Fire extinguished immediately by security guard Platteville Fire Dept notified  
WESTERMAN, T F, MADSEN, G L Region 4, Dallas, Office of the Director 80/03/05 1p

B003170426 Forwards LER 80-009/01T-0 WAREMBURG, D Public Service Co of Colorado 80/03/10 13pp

---B003170430 LER 80-009/01T-0 on 800225, while in shutdown condition, test evaluation determined bistable trip modules, when used w/MTU for calibr of process trips, induced calibr off-set which could allow trips outside Tech Specs Bistables recalibr  
GAHM, J W Public Service Co of Colorado 80/03/10 1p

B003250528 Forwards LER 80-002/03X-1 WAREMBURG, D Public Service Co of Colorado 80/03/18 5pp

---B003250533 LER 80-002/03X-1 on 800107, startup channel scram protection at low counts per second found not operable during region constraint device installation Caused by improper setpoints on high voltage cut off from wide range to startup channels.  
GAHM, J W, Public Service Co. of Colorado 80/03/18 1p.

B003250552 Forwards LER 80-007/03L-0 WAREMBURG, D Public Service Co of Colorado 80/03/18 5pp

---B003250555 LER 80-007/03L-0 on 800219, during testing, two of 12 helium circulator seal malfunction pressure differential switch units tripped outside limits Caused by dirt accumulation in electrical switches Switches adjusted  
GAHM, J W Public Service Co of Colorado 80/03/18 1p

B003310351 Forwards LER 79-041/03X-2, final suppl WAREMBURG, D Public Service Co of Colorado 80/03/18 1pp

---B003310357 LER 79-041/03X-2 final supplement on 791005, malfunctions in circulator speed measurement caused loss of high speed signals Caused by signal cable connection resistance change Modifiers adjusted New connectors installed Circuits tested  
GAHM, J W Public Service Co of Colorado 80/03/18 6pp

B003310373 Forwards supplemental LER 78-005/03X-3 WAREMBURG, D Public Service Co of Colorado 80/03/18 7pp

---B003310378 Supplemental LER 78-005/03X-3 on 780111, operations personnel observed that malfunctions in circulator speed measurement resulted in loss of high speed signals Caused by circuit unbalance in connectors  
GAHM, J W Public Service Co of Colorado 80/03/18 1p

B003250498 Forwards LER 80-008/03L-0 WAREMBURG, D Public Service Co of Colorado 80/03/19 4pp

---B003250502 LER 80-008/03L-0 on 800219, during routine surveillance testing, setpoints for low flow on one dupoint moisture monitor & for fixed low-flow on another monitor found less than min acceptable Caused by instrument calibr drift  
GAHM, J W Public Service Co of Colorado 80/03/19 1p

B003250535 Forwards LER 80-006/03L-0 WAREMBURG, D Public Service Co of Colorado 80/03/19 4pp

---B003250537 LER 80-006/03L-0 on 800218, w/reactor at less than 2% power, vent stack snubber V8S-117 was inoperable & degraded mode of Tech Spec LCO 4.3.10 existed Caused by taking reactor critical w/vent stack snubber out of svc for maint  
GAHM, J W Public Service Co of Colorado 80/03/19 1p

B003310328 Forwards LER 80-012/01T-0 WAREMBURG, D Public Service Co of Colorado 80/03/25 1p

---B003310334 LER 80-012/01T-0 on 800311, while facility was operating at less than 2% power, orifice valves not set for equal flows & temp limit was exceeded Caused by inability to close orifice valve to equal flow position Valve freed up  
GAHM, J W Public Service Co of Colorado 80/03/25 9pp

## DOCKET 50-269 OCONEE NUCLEAR STATION, UNIT 1

F Security, medical, emergency & fire protection plans

B003240152 Requests that util verify proper installation of water flow alarms in dry pipe suppression sys VA Moore B00115 memo & 791206 transfer of lead responsibility encl  
LAINAS, G Plant Systems Branch 80/01/24 2pp

B003050442 Forwards "Fire Qualification Test on Silicone Foam Floor Penetration Seals " Describes testing which successfully demonstrated 3-h fire rating for installed cable penetration fire stops  
PARKER, W O Duke Power Co 80/02/26 1p

---B003050445 "Fire Qualification Test on Silicone Foam Floor Penetration Seals " PISH, M D, HARTZELL, G E, DEHART, R C Southwest Research Institute 79/07/05 450pp

## G Adjudicatory correspondence

B003200241 Responds to B00118 ltr re potential impact of simultaneous shutdown of facilities Util submitted sufficient info to justify sequential shutdown  
REID, R W Operating Reactors Branch 4 80/02/29 1p

---B003200247 Discusses NRC order that util must complete certain work at facility or shut down units Expresses concern re impact on power supply if facilities are shut down simultaneously Suggests sequential shutdown for NUREG-0578 implementation  
SHAW, R W Electricities of North Carolina 80/01/18 1p



## DOCKETED ITEMS

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## J Insurance &amp; indemnity information

8003180356 Forwards Endorsements 56 & 57 to NELIA Policy NF-182, Endorsements 12 & 13 to NELIA Policy NF-248, Endorsement 3 to NELIA Binders EB-22, 23 & 24, Endorsement 42 to MAELU Policy MF-61 & Endorsement 3 to MAELU Binders XB-22, 23 & 24  
SANDERS, F D Duke Power Co 80/03/11 15pp

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0620, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0620 79/11/30 106pp

8003200021 Notification of 800221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analyses-Generic Rept for Plants w/B&W Reactors"  
CAPRA, R A Standardization Branch 80/02/13 1p

8002150255 Forwards BAW-1597, "Effects of Asymmetric LOCA Loadings, Phase II Status," on behalf of B&W 177 fuel assembly owners group. Final rept will be submitted by 800701  
TAYLOR, J H Babcock & Wilcox Co 80/02/14 1p

8003060694 Forwards Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--8003060692 Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, revising Tech Spec re engineering safety features & allowing Unit 1 to operate at full rated power during Cycle 6  
REID, R W Operating Reactors Branch 4 80/02/22 34pp

--8003060699 Safety evaluation supporting Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 6pp

--8003060708 Notice of issuance & availability of Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

8003070057 Forwards Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--8003070061 Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, adding Tech Spec 4.17 re steam generator tubing surveillance  
REID, R W Operating Reactors Branch 4 80/02/22 15pp

--8003070066 Safety evaluation suppl supporting Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 3pp

--8003070073 Notice of issuance & availability of Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p

8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

8003190133 Informs that Equifax is under contract to study feasibility of performing epidemiologic studies on health effects of exposure to low level ionizing radiation Info will be used in making recommendations to Congress  
REID, R W Operating Reactors Branch 4 NRC-01-79-010 80/02/23 2pp

8003070361 Forwards supplemental info re NUREG-0578 items in response to NRC 800222 request Direct valve position indication equipment inside containment has been seismically & environmentally qualified to withstand accident environ  
PARKER, W D Duke Power Co 80/02/29 4pp

8003190507 Forwards supplemental response to NUREG-0578 re design review of plant shielding & environ qualification of equipment for space sys for use in post-accident operation  
Timely NRC response requested  
PARKER, W D Duke Power Co 80/03/07 6pp

8003140383 Forwards response to NRC requests for info re non-nuclear instrumentation/integrated control sys Failures Corrective actions should preclude recurrence of event similar to Crystal River No GL mods necessary  
PARKER, W C Duke Power Co 80/03/12 17pp

8003180609 Forwards response to NRC 800223 request re LWR primary coolant sys pressure isolation valves No mods to GL necessary  
PARKER, W D Duke Power Co 80/03/13 4pp

8003200463 Notifies that results of work concerning Questions 6 & 9 on degraded grid voltages will be forwarded by 800530  
PARKER, W D Duke Power Co 80/03/13 1p

8003210496 Forwards response to NRC 791213 request for info re loss of offsite power events No events of complete loss of power identified  
MILLS, L H Tennessee Valley Authority 80/03/14 4pp

8003200449 Forwards corrected response to 800312 ltr. Item 4, re address info available to operator following various NNI/ICB power events  
PARKER, W D Duke Power Co 80/03/17 2pp

8003270398 Requests mod of 800331 commitment date for implementing addl cooling loop to spent fuel cooling sys Mod will be achieved as soon as possible Present sys is adequate until Unit 1 refuels in 1981  
PARKER, W D Duke Power Co 80/03/21 1p

8003270369 Forwards proposed amend to Tech Specs, Section 4.3, for approval by 800430 Class 3 fee & affidavit encl  
PARKER, W D Duke Power Co 80/03/24 2pp

--8003270370 Proposed amend to Tech Specs, Section 4.3 re testing following opening of sys, lowering leak test pressure from current levels to those required by ASME codes  
\* Duke Power Co 80/03/24 1p

8003280467 Submits info re procedures for coping w/combinations of loss of instrumentation & control functions, design review analysis & correction of electrical deficiencies  
PARKER, W D Duke Power Co 80/03/24 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003050178 Forwards IE circular 77-01, "Malfunctions of Limiting Valve Operators"  
MOSELEY, N C Region 2, Atlanta, Office of the Director 77/01/06 3pp

8003050277 Forwards IE Insp Repts 80-269/80-02, 80-270/80-01 & 80-287/80-01 on 800109-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050281 IE Insp Repts 80-269/80-02, 80-270/80-01 & 80-287/80-01 on 800109-11 No noncompliance noted Major areas inspected pipe support baseplate designs using concrete expansion anchor bolts & seismic analysis of piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch MDDENOS, L. A. & W. P. Region 2, Atlanta, Office of the Director 80/01/24 3pp

8003200026 Forwards update to info provided on 791029, 1106 & 1207 ltrs in response to IE Bulletin 79-14 Includes summary of seismic input nonconformance through 800108 Remaining items will be completed during upcoming refueling outage  
PARKER, W. D Duke Power Co, 80/01/24 10pp

# DOCKETED ITEMS

71

- 8003120200 Ack receipt of 791214 & 800114 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 1p
- 8003120209 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 Corrective actions key locks will be installed on all permanent high radiation area doors  
PARKER, W D Duke Power Co 80/01/14 2pp
- 8003120214 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 Corrective actions health physics personnel are making surveys to check high radiation area doors  
PARKER, W D Duke Power Co 79/12/14 3pp
- 8003120217 Forwards IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 79/11/21 2pp
- 8003120221 Notice of violation from insp on 791009-12  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p
- 8003120226 IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12 Noncompliance noted failure to keep entrance to high radiation area locked  
GIBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch HOBEY, C M Region 2, Atlanta, Office of the Director 79/11/14 7pp
- 8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp
- 8003190095 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p.
- 8003270044 Ack receipt of IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No proprietary info  
PARKER, W D Duke Power Co 80/02/05 1p
- 8003270049 Forwards IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp
- 8003270053 IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No noncompliance noted Major areas inspected HPI mod welding & records review, work observation & inservice insp records.  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch EGONHOS, N Region 2, Atlanta, Office of the Director 80/01/11 8pp
- 8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp
- 8003210269 Discusses 790904 shipment of 165 five-gallon drums of low specific activity radwaste from facility to Barnwell NRC did not issue notice of violation because matter referred to DOT.  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/07 2pp.
- 8003210272 Forwards comments in response to JT Sutherland 791030 ltr re Chem-Nuclear Sys, Inc 790911 insp Brace blocking of radioactive matls shipment in question was satisfactory  
MILLER, L M Tennessee Valley Authority 80/01/28 2pp
- 8003180036 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003060237 Ack receipt of IE Insp Rept 50-269/80-1 on 800103 No proprietary info  
PARKER, W D Duke Power Co 80/02/13 1p
- 8003060244 Forwards IE Insp Rept 50-269/80-01 on 800103 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/21 2pp
- 8003060248 IE Insp Rept 50-269/80-01 on 800103 No noncompliance noted Major areas inspected steam generator feedwater line radiography & IE Bulletin 79-13 activities  
CROWLEY, D R, HERDT, A R Region 2, Atlanta, Office of the Director 80/01/17 4pp
- 8003100031 Responds to IE Bulletin 79-17 No indication of leakage through cracks in stagnant borated water sys piping observed during visual examination  
PARKER, W D Duke Power Co 80/02/13 1p
- 8003190988 Ack receipt of IE Insp Repts 50-269/80-02, 50-270/80-01, & 50-287/80-01 No proprietary info  
PARKER, W D Duke Power Co 80/02/15 1p
- 8003170041 Responds to IE Bulletin 79-17, Item 2(b) re examination of weld samples in stagnant borated water sys No weld cracking was observed Lists specific welds examined  
PARKER, W D Duke Power Co 80/02/18 1p
- 8003180153 Discusses cracking in auxiliary feedwater nozzle found during insps re IE Bulletin 79-13 Retaining wires were added to Unit 1 sleeves to assure that sleeve would not move if collar failed Unit 2 will be modified Unit 3 is exempt  
PARKER, W D, Duke Power Co 80/02/18 3pp
- 8003190115 Ack receipt of 800206 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-39, 50-270/79-36  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p
- 8003190128 Responds to NRC 800109 ltr re violations noted in IE Insp Repts 50-269/79-39 & 50-270/79-36 Corrective actions security force members involved in incident, counseled on necessity to follow established security procedures  
PARKER, W D Duke Power Co 80/02/06 3pp
- 8003190132 Forwards IE Insp Repts 50-269/79-39 & 50-270/79-36 on 791203-05 & notices of violation Apps A & B App B & Page 4 of insp rept withheld (ref 10CFR2 790)  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/09 2pp
- 8003190135 Notice of violation, App A, from insp on 791203-05  
\* Region 2, Atlanta, Office of the Director 80/01/09 1p
- 8003190140 IE Insp Repts 50-269/79-39 & 50-270/79-36 on 791203-05 Noncompliance noted hangars had attachments not shown on surveillance as-built design drawings Portions withheld (ref 10CFR2 790)  
ANG, W P Region 2, Atlanta, Office of the Director HERDT, A R, Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/19 4pp
- 8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-03C  
CAPRA, R A Standardization Branch, 80/02/24 11pp
- 8003130208 Informs NRC that examinations required by Item 2 of IE Bulletin 79-13 were completed on 800201 & several rejectable indications identified Continued operation of sys justified by encl consultant review  
PARKER, W D Duke Power Co 80/02/25, 10pp
- 8003130214 "Examination of Radiographic Films & Considerations of Weld Integrity of Pipe Butt Welds in 3 1/2-inch OD by O 435 Inch Wall Feedwater Piping "  
THIELSCH, H, Helmut Thiesch 80/02/02 18pp
- 8003140038 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27, 1p

## DOCKETED ITEMS

8003190183 Ack receipt of 800220 ltr informing NRC of steps taken to correct violations noted in waste packaging Insp Rept 15000039/79-08F  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/27 1p

--8003190192 Ack receipt of waste packaging Insp Rept 15000039/79-08F on 791218 No proprietary info  
PARKER, W O Duke Power Co 80/02/20 1p

--8003190201 Forwards waste packaging Insp Rept 15000039/79-08F on 791218 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 2pp

--8003190211 Notice of violation from Insp on 791218  
\* Region 2, Atlanta, Office of the Director 80/01/30 2pp

--8003190235 Waste packaging Insp Rept 15000039/79-08F of licensee-shipper vehicles on 791218 Noncompliance noted empty labels on tank  
BROWN, R A, POTTER, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/17 6pp

8003240049 Informs NRC that response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation," has not been completely reviewed internally. Response will be transmitted by 800307  
PARKER, W O Duke Power Co 80/02/28 1p

8003180171 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 2pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180123 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003120533 Forwards response to IE Bulletin 79-27 lists buses supplying power to control sys bringing plant to cold shutdown. Re-reviewed IE Circular 79-02 Problems would not occur due to differences in sys design. Response being reevaluated  
PARKER, W O Duke Power Co 80/03/07 7pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180070 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270226 Ack receipt of 800220 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-33  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 1p

0-269/79-35, 50-270/79-32 &  
Corrective  
#s & 39WD-152  
ted

--8003270241 Forwards IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-33 on 791127-30 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 2pp

--8003270249 Notice of violation from Insp on 791127-30  
\* Region 2, Atlanta, Office of the Director 80/01/28 1p

--8003270289 IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 Noncompliance noted failure to follow procedures re contamination area & failure to label containers of radioactive matl  
HOSEY, C M Region 2, Atlanta, Office of the Director 80/01/28 7pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260206 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250461 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

R Periodic operating reports & related correspondence

8003050433 Forwards "Semiannual Effluent Release Rept, Jul-Dec 1979 "  
PARKER, W O Duke Power Co 80/02/27 1p

--8003050434 "Semiannual Effluent Release Rept, Jul-Dec 1979 "  
\* Duke Power Co 80/02/27 8pp

8003190518 Forwards monthly operating repts for Feb 1980  
PARKER, W O Duke Power Co 80/03/14 1p

--8003190522 Monthly operating repts for Feb 1980  
REAVIS, J A Duke Power Co 80/03/14 16pp

S Reportable occurrences, LERs & related correspondence

8003170179 FND-II-80-024 on 800213, during hydrostatic testing of Unit 1 RCS following refueling leakage discovered from manway gaskets on steam generator A. Investigation revealed improper gaskets installed on Units 1, 2 & 3  
QUICK, D R, MARTIN, R Region 2, Atlanta, Office of the Director 80/02/13 1p

8003200423 Forwards LER 80-004/03L-0  
PARKER, W O Duke Power Co 80/03/17 3pp

--8003200430 LER 80-004/03L-0 on 800216, HPSW pump B was declared inoperable & removed from svc when routine Insp discovered leakage from motor pump. Caused by water erosion of motor cooler tubes. Leaking tubes soldered & pressure tested  
LEWIS, S R Duke Power Co 80/03/17 1p

DOCKET 50-270 OCONEE NUCLEAR STATION, UNIT 2

F Security, medical, emergency & fire protection plans

8003240152 Requests that Util verify proper installation of water flow alarms in dry pipe suppression sys VA Moore 800115 memo & 791205 transfer of lead responsibility encl  
LAINAS, G Plant Systems Branch 80/01/24 2pp

8003050442 Forwards "Fire Qualification Test on Silicone Foam Floor Penetration Seals " Describes testing which successfully demonstrated 3-h fire rating for installed cable penetration fire stops  
PARKER, W O Duke Power Co 80/02/26 1p

--8003050445 "Fire Qualification Test on Silicone Foam Floor Penetration Seals "  
PISH, M D, HARTZELL, G E, DEHART, R C Southwest Research Institute 79/07/05 450pp

# DOCKETED ITEMS

73

## G Adjudicatory correspondence

8003120814 Order modifying 800102 show cause order to require Unit 2 shutdown after Unit 1 reaches full power & Unit 3 shutdown on 800315 Qualified person must be provided in control room to monitor certain valves  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

8003190064 Forwards NRC 800207 & 22 ltrs & order modifying 800102 show cause order re request for notification of decision concerning electric sys reliability impacts associated w/ implementation TMI-2 short-term requirements  
YOUNGBLOOD, B J Division of Site Safety & Environmental Analysis 80/02/26 2pp

--8003190073 Forwards order modifying 800102 show cause order for facilities in response to 800115 request to allow sequential shutdown of plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp

--8003190077 Order modifying 800102 order to show cause why licensee should not implement all Category A lessons learned requirements by 800215 shutdown facilities  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

8003030563 Forwards answer to Commission 800207 order modifying 800102 order to show cause Up-to-date data re power reliability will be reviewed by early Mar Proposed Unit 3 shutdown data will be submitted after 800315  
PARKER, W O Duke Power Co 80/02/27 1p

--8003030572 Response to 800207 order modifying 800102 order to show cause if power reliability data warrants extension of 800315 shutdown date for Unit 3 & extension is not granted, applicant will request hearing Info will be filed by 800310  
PARKER, W O Duke Power Co 80/02/27 4pp

8003250476 Response to NRC 800207 order modifying NRC 800102 order to show cause re Category A Lessons Learned Task Force short-term requirements Requests hearing re whether measures should be implemented per proposed schedule  
PARKER, W O Duke Power Co 80/02/27 4pp

8003200241 Responds to 800118 ltr re potential impact of simultaneous shutdown of facilities Util submitted sufficient info to justify sequential shutdown  
REID, R W Operating Reactors Branch 4 80/02/29 1p

--8003200247 Discusses NRC order that util must complete certain work at facility or shut down units Expresses concern re impact on power supply if facilities are shut down simultaneously  
Buggs sequential shutdown for NUREG-0578 implementation  
SHAW, R W Electricities of North Carolina 80/01/18 1p.

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## J Insurance & indemnity information

8003180356 Forwards Endorsements 56 & 57 to NELIA Policy NF-182; Endorsements 12 & 13 to NELIA Policy NF-248; Endorsement 3 to NELIA Binders EB-22, 23 & 24; Endorsement 42 to MAELU Policy MF-61 & Endorsement 3 to MAELU Binders XD-22, 23 & 24  
SANDERS, F D Duke Power Co 80/03/11 15pp

## P Operating license stage documents & correspondence

7906250091 Forwards memos discussing B McDermott concerns re shutdown of B&W plants  
ROSB, D F Division of Project Management 79/05/17 1p

--7906250112 Discusses B McDermott 790514 memo re safety of B&W plants Disagrees w/B McDermott position favoring shutdown.  
HAASS, W P Quality Assurance Branch 79/05/15 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERB, D. A. Core Performance Branch. NUREG-0630 79/11/30 106pp

8003100021 Notification of 800221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analyses-Genetic Rept for Plants w/B&W Reactors"  
CAPRA, R A Standardization Branch 80/02/13 1p

8003060684 Forwards Amends 81, 81 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--8003060692 Amends 81, 81 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, revising Tech Spec re engineering safety features & allowing Unit 1 to operate at full rated power during Cycle 6  
REID, R W Operating Reactors Branch 4 80/02/22 34pp

--8003060699 Safety evaluation supporting Amends 81, 81 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 8pp

--8003060708 Notice of issuance & availability of Amends 81, 81 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

8003070057 Forwards Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--8003070061 Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, adding Tech Spec 4 17 re steam generator tubing surveillance  
REID, R W Operating Reactors Branch 4 80/02/22 15pp

--8003070066 Safety evaluation suppl supporting Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 3pp

--8003070073 Notice of issuance & availability of Amends 80, 80 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p

8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

8003190133 Informs that Equifax is under contract to study feasibility of performing epidemiologic studies on health effects of exposure to low level ionizing radiation Info will be used in making recommendations to Congress  
REID, R W Operating Reactors Branch 4 NRC-01-79-010 80/02/25 2pp

8003100180 Forwards NRC 800207, 14 & 22 ltrs re energy supply during unit shutdown & order modifying 800102 show cause order in response to 800201 & 03 request for NRC decision  
YOUNGBLOOD, B J Cost Benefit Analysis Branch 80/02/26 2pp

--8003100192 Forwards order modifying 800102 show cause order for facilities Order extends Unit 3 shutdown to 800315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp.

--8003100214 Summarizes DOE review re impact on energy supply in VA, NC & SC during implementation of TMI-2 Lessons Learned Task Force short-term requirements Reliable svc cannot be maintained Requests NRC decision.  
WEINER, R E. Energy, Dept. of 80/02/01 4pp

8003070361 Forwards supplemental info re NUREG-0578 items in response to NRC 800222 request Direct valve position indication equipment inside containment has been seismically & environmentally qualified to withstand accident environ  
PARKER, W O Duke Power Co 80/02/29 4pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

## DOCKETED ITEMS

8003190507 Forwards supplemental response to NUREG-0578 re design review of plant shielding & environ qualification of equipment for space sys for use in post-accident operation  
Timely NRC response requested  
PARKER, W D Duke Power Co 80/03/07 4pp

8003140383 Forwards response to NRC requests for info re non-nuclear instrumentation/integrated control sys failures Corrective actions should preclude recurrence of event similar to Crystal River No OL mods necessary  
PARKER, W C Duke Power Co 80/03/12 17pp

8003180197 Substitute of 80114 application for proposed changes to Tech Specs allowing full power operation of Cycle 5 based upon extended Cycle 4 BAW 1565, Revision 1, "Cycle 5, Revision 1, "Cycle 5 Reload Rept" encl  
PARKER, W D Duke Power Co 80/03/12 2pp

--8003180207 Revised pages to proposed Tech Specs re safety limits for reactor core & protective instrumentation & control rod position, to allow full power operation of Cycle 5, based upon extended Cycle 4  
\* Duke Power Co 80/03/12 18pp

--8003180210 "Cycle 5, Reload Rept," Revision 1  
\* Babcock & Wilcox Co BAW-1565 80/03/31 45pp

8003180449 Notifies of withdrawal of 800227 request for hearing re NRC 800227 order Util will shut down Unit 3 by 800315 in accordance w/Category A TMI-2 Lessons Learned Task Force requirements Mild weather will permit shutdown  
PARKER, W D Duke Power Co 80/03/13 2pp

8003180609 Forwards response to NRC 800223 request re LWR primary coolant sys pressure isolation valves No mods to OL necessary  
PARKER, W D Duke Power Co 80/03/13 4pp

8003200463 Notifies that results of work concerning Questions 6 & 9 on degraded grid voltages will be forwarded by 800530  
PARKER, W D Duke Power Co 80/03/13 1p

8003200447 Forwards corrected response to 800312 ltr, item 4, re address info available to operator following various NN1/ICS power events  
PARKER, W D Duke Power Co 80/03/17 2pp

8003270398 Requests mod of 800331 commitment date for implementing add'l cooling loop to spent fuel cooling sys Mod will be achieved as soon as possible Present sys is adequate until Unit 1 refuels in 1981  
PARKER, W D Duke Power Co 80/03/21 1p

8003270369 Forwards proposed amend to Tech Specs, Section 4.3, for approval by 800430 Class 3 fee & affidavit encl  
PARKER, W D Duke Power Co 80/03/24 2pp

--8003270370 Proposed amend to Tech Specs, Section 4.3 re testing following opening of sys, lowering leak test pressure from current levels to those required by ASME codes  
\* Duke Power Co 80/03/24 1p

8003280167 Submits info re procedures for coping w/combinations of loss of instrumentation & control functions, design review analysis & correction of electrical deficiencies  
PARKER, W D Duke Power Co 80/03/24 2pp

Q Inspection reports, IE Bulletins & correspondence

8003050178 Forwards IE circular 77-01, "Malfunctions of Limiting Valve Operators"  
MOSELEY, N C Region 2, Atlanta, Office of the Director 77/01/06 2pp

8003050277 Forwards IE Insp Repts 50-269/80-02, 50-270/80-01 & 50-287/80-01 on 800107-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050281 IE Insp Repts 50-269/80-02, 50-270/80-01 & 50-287/80-01 on 800107-11 No noncompliance noted Major areas inspected pipe support baseplate designs using concrete expansion anchor bolts & seismic analysis of piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch  
MODENOS, L. & ANQ, W P Region 2, Atlanta, Office of the Director 80/01/24 3pp

8003200206 Forwards update to info provided on 791029, 1106 & 1207 ltrs in response to IE Bulletin 79-14 Includes summary of seismic input nonconformance throughh 800108 Remaining items will be completed during upcoming refueling outage  
PARKER, W D Duke Power Co 80/01/24 10pp

8003120200 Ack receipt of 791214 & 800114 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 1p

--8003120209 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 Corrective actions key locks will be installed on all permanent high radiation area doors  
PARKER, W D Duke Power Co 80/01/14 2pp

--8003120214 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 Corrective actions health physics personnel are making surveys to check high radiation area doors  
PARKER, W D Duke Power Co 79/12/14 3pp

- 8003180217 Forwards IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 79/11/21 2pp

--8003120221 Notice of violation from insp on 791009-12  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p

--8003120226 IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12 Noncompliance noted failure to keep entrance to high radiation area locked  
GIBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch  
HOPEY, C H Region 2, Atlanta, Office of the Director 79/11/14 7pp

8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190079 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003270044 Ack receipt of IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No proprietary info  
PARKER, W D Duke Power Co 80/02/05 1p

--8003270049 Forwards IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--8003270053 IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05 No noncompliance noted Major areas inspected HPI mod welding & records review, work observation & inservice insp records  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch  
ECONOMOS, N Region 2, Atlanta, Office of the Director 80/01/11 8pp

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells" Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180036 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

# DOCKETED ITEMS

75

8003100031 Responds to IE Bulletin 79-17 No indication of leakage through cracks in stagnant borated water sys piping observed during visual examination  
PARKER, W D Duke Power Co 80/02/13 1p

8003190988 Ack receipt of IE Insp Repts 50-269/80-02, 50-270/80-01, & 50-287/80-01 No proprietary info  
PARKER, W D Duke Power Co 80/02/15 1p

8003170041 Responds to IE Bulletin 79-17, Item 2(b) re examination of weld samples in stagnant borated water sys No weld cracking was observed Lists specific welds examined  
PARKER, W D Duke Power Co 80/02/18 1p

8003180153 Discusses cracking in auxiliary feedwater nozzle found during insps re IE Bulletin 79-13 Retaining wires were added to Unit 1 sleeves to assure that sleeve would not move if collar failed Unit 2 will be modified Unit 3 is exempt  
PARKER, W D Duke Power Co 80/02/18 3pp

8003190115 Ack receipt of 800206 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-39, 50-270/79-36  
BRVANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p

--8003190128 Responds to NRC 800109 ltr re violations noted in IE Insp Repts 50-269/79-39 & 50-270/79-36 Corrective actions security force members involved in incident, counseled on necessity to follow established security procedures  
PARKER, W D Duke Power Co 80/02/06 3pp

--8003190132 Forwards IE Insp Repts 50-269/79-39 & 50-270/79-36 on 791203-05 & notices of violation Apps A & B App B & Page 4 of insp rept withheld (ref 10CFR2 790)  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/09 2pp

--8003190135 Notice of violation, App A, from insp on 791203-05  
\* Region 2, Atlanta, Office of the Director 80/01/09 1p

--8003190140 IE Insp Repts 50-269/79-39 & 50-270/79-36 on 791203-05 Noncompliance noted hangers had attachments not shown on surveillance as-built design drawings Portions withheld (ref 10CFR2 790)  
ANG, W P Region 2, Atlanta, Office of the Director HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/19 4pp

8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-03C  
CAPRA, R A Standardization Branch 80/02/24 11pp

8003140038 Forwards IE Info Notice 80-04, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003190201 Forwards waste packaging Insp Rept 15000039/79-08F on 791218 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 2pp

8003240049 Informs NRC that response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation," has not been completely reviewed internally Response will be transmitted by 800307  
PARKER, W D Duke Power Co 80/02/28 1p

8003180171 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180123 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003120533 Forwards response to IE Bulletin 79-27 Lists buses supplying power to control sys bringing plant to cold shutdown Re-reviewed IE Circular 79-02 Problems would not occur due to differences in sys design Response being reevaluated  
PARKER, W D Duke Power Co 80/03/07 7pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180070 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-00 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270226 Ack receipt of 800220 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 1p

--8003270233 Ack receipt of IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 No proprietary info Corrective actions bolts moved to pasted contamination area & 38WD-152 valve closed properly Cleanup procedure initiated  
PARKER, W D Duke Power Co 80/02/20 5pp

--8003270241 Forwards IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 2pp

--8003270249 Notice of violation from insp on 791127-30  
\* Region 2, Atlanta, Office of the Director 80/01/28 1p

--8003270259 IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 Noncompliance noted failure to follow procedures re contamination area & failure to label containers of radioactive matl  
HOSEY, C H Region 2, Atlanta, Office of the Director GIBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 7pp

8003270024 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260206 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250561 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

R Periodic operating reports & related correspondence

8003050433 Forwards "Semiannual Effluent Release Rept, Jul-Dec 1979 " PARKER, W D Duke Power Co 80/02/27 1p

--8003050434 "Semiannual Effluent Release Rept, Jul-Dec 1979 " \* Duke Power Co 80/02/27 8pp

8003190518 Forwards monthly operating repts for Feb 1980  
PARKER, W D Duke Power Co 80/03/14 1p

--8003190522 Monthly operating repts for Feb 1980  
REAVIS, J A Duke Power Co 80/03/14 16pp

S Reportable occurrences, ICRs & related correspondence

8003030542 Notifies that 80-270/79-B will be submitted by 800114  
PARKER, W D Duke Power Co 80/01/07 1p

## DOCKETED ITEMS

8003170179 PND-11-80-024 on 800213, during hydrostatic testing of Unit 1 RCS following refueling leakage discovered from manway gaskets on steam generator A Investigation revealed improper gaskets installed on Units 1, 2 & 3  
QUICK, D R , MARTIN R Region 2, Atlanta, Office of the Director  
80/02/13 1p

8003030475 RD 270/80-1 on 800220, 2A core flood tank pressure exceeded Tech Spec limit Caused by broken nut on manual isolation valve, preventing valve closure Broken valve isolated & core flood tank pressure returned to within Tech Spec limit  
BOND, R T Duke Power Co 80/02/20 1p

8003120514 Forwards LER 80-001/01T-0  
PARKER, W O Duke Power Co 80/03/05 2pp

--8003120521 LER 80-001/01T-0 on 800220, pressure in core flood tank 2A exceeded Tech Spec for brief period when nitrogen supply valve could not be closed Caused by failure of valve yoke Valve yoke stem replaced  
LEWIS, S R Duke Power Co 80/03/05 1p

#### DOCKET 80-271 VERMONT YANKEE NUCLEAR POWER STATION

E NRC Safety Evaluation Report (SER), supp's & correspondence

8003200254 Informs NRC of commitments in response to NRC 800220 supplemental SER re Sections 3.3 & 3.6 Proposed commitment implementation dates are unacceptable Submits proposed dates for implementation  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/14 4pp

#### F Security, medical, emergency & fire protection plans

8003170366 Lists mod items which required addl info at time of SER issuance All items satisfactory  
MACDONALD, E A Brookhaven National Laboratory 79/08/08 1p

8003100170 Forwards safety evaluation reflecting fire protection review Requests response to NRC positions expressed within 20 days  
IPPOLITO, T A Operating Reactors Branch 3 80/02/20 2pp

--8003100174 Safety evaluation reflecting fire protection review  
\* Operating Reactors Branch 3 80/02/20 9pp

8003050553 Forwards addl info requested by NRC 800113 ltr re gas suppression sys & fire barrier penetrations Also forwards drawings depicting conduit or cable tray floor or wall penetration & control room cabinets  
MCODDY, D E Vermont Yankee Nuclear Power Corp 80/02/26 4pp

--8003050563 "Typical A CT-800 Silicone Elastomer Conduit or Cable Tray Floor Penetration"  
\* Chemtrol Corp 79/10/24 3pp

--8003050568 "Typical C CT-109 Room Temp Vulcanizing Silicone Foam Conduit or Cable Tray Wall Penetration"  
\* Chemtrol Corp 79/10/24 2pp

--8003050576 "Typical D CT-19 Room Temp Vulcanizing Silicone Foam Conduit or Cable Tray Floor Penetration"  
\* Chemtrol Corp 79/10/25 2pp

--8003050583 "Typical E CT-19 Room Temp Vulcanizing Silicone Foam Mechanical or Heating, Ventilation & Air Conditioning Wall Penetration"  
\* Chemtrol Corp 79/10/25 2pp

--8003050591 "Typical F CT-19 Room Temp Vulcanizing Silicone Foam Mechanical or Heating, Ventilation & Air Conditioning Floor Penetration"  
\* Chemtrol Corp 79/10/25 2pp

--8003050596 "Typical G CT-19 Room Temp Vulcanizing Silicone Foam Control Room Cabinets"  
\* Chemtrol Corp 79/10/24 1p

--8003050600 "Typical B CT-800 Silicone Elastomer Conduit or Cable Tray Wall Penetration"  
\* Chemtrol Corp 79/10/24 1p

--8003050607 "Typical H CT-800 Silicone Elastomer Cable Vault Room & Reactor Bldg"  
\* Chemtrol Corp 79/09/13 1p

--8003050615 "Cylinder & Valve Schematic for Switchgear Room (New) & Cable Vault & Battery Room (Existing)"  
\* Walter Kilde & Co, Inc 79/08/17 1p

--8003050622 "Diesel Fire Pump Fuel Oil Storage Tank Room"  
\* Walter Kilde & Co, Inc 79/08/17 1p

--8003050619 "Carbon Dioxide Fire Protection Sys Piping Arrangement & Wiring Schematic for Switchgear Room (New) & Cable Vault (Existing Sys)"  
\* Walter Kilde & Co, Inc 79/08/03 1p

8003210444 Forwards BNL input to plant fire protection review, Items 3.1.4, 3.1.6, 3.2.5, 3.2.2, 3.3.3 & 3.1.14 Water suppression sys, gas suppression sys, flame retardant coatings & air breathing apparatus are satisfactory & should be accepted  
HALL, R E Brookhaven National Laboratory 80/03/17 4pp

8003240436 Forwards addl info re contingency plan per 800213 request Plan withheld (ref 10CFR2 790)  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/18 1p

#### G Adjudicatory correspondence

8003170617 Notice of substitution of counsel for NRDC RJ Wilson will replace RE Ayres & AZ Roisman in proceeding  
WILSON, R J Natural Resources Defense Council 80/02/14 3pp

8003120787 Forwards confirmatory order confirming until 800204 commitment re recirculation pump trip installation prior to operation  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 3pp

--8003120791 Confirmatory order directing licensee to install recirculation pump trip or place facility in cold shutdown  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

#### H General correspondence

8003120489 Requests info concerning whether NRC has power or choice of shutting down nuclear plants NRC should not permit operation of nuclear plants when serious questions remain unanswered Reply requested  
LEONARD, H Affiliation Unknown 80/03/06 2pp

#### I Financial information

8003310372 Forwards Annual Financial Statements 1978 & 1979  
CAREY, W W Vermont Yankee Nuclear Power Corp 80/03/27 1p

--8003310377 Annual Financial Statements 1978 & 1979  
\* Affiliation Unknown 80/02/15 19pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003170071 Ack receipt of 790323 contingency plan Forwards request for addl proprietary info Response should be withheld per 10CFR2 790 Request for info withheld (ref 10CFR2 790)  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

8003040069 Requests payment of difference between Class III & Class II license fee re util 800125 application proposing organizational changes to Tech Specs Changes considered to be of safety significance  
DIOGB, R M License Fee Management Branch 80/02/15 1p

8003170216 Forwards Amend 56 to License DPR-28  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 5pp

--8003170239 Amend 56 to License DPR-28 replacing license conditions of App B w/water quality limits & surveillance requirements which fall within EPA & State of VT jurisdiction  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 2pp

--8003170244 Notice of issuance of Amend 56 to License DPR-28  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 2pp

# DOCKETED ITEMS

77

--B003170245 App B to ETS  
\* Vermont Yankee Nuclear Power Corp 80/02/05 16pp

B003130172 Notification of B00305 meeting w/util in Bethesda, MD to discuss analysis methods to be used in support of future plant reloads  
ROONEY, V L Operating Reactors Branch 3 80/02/29 1p

B003190732 Notification of B00310 meeting, rescheduled from B00305, w/util in Bethesda, MD to discuss reload analysis methods  
Room number also changed  
ROONEY, V L Operating Reactors Branch 3 80/02/25 1p

B003040611 Forwards program ground rules inadvertently omitted from B00214 meeting minutes  
SMITH, R L Vermont Yankee Nuclear Power Corp 80/02/28 2pp

B003180314 Reviews ETS proposed per NRC B00222 ltr & identifies areas which may require extensive revisions to current procedures  
Requests more time to evaluate needed changes Rewritten App B Tech Spec pages will be submitted by B00430  
SMITH, R L Vermont Yankee Nuclear Power Corp 80/03/13 1p

B003190644 Provides info. in response to NRC 791213 ltr Util has not experienced event which caused concurrent loss of all offsite power sources Forwards tabulation of loss of offsite power events where less than all sources were lost  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/14 2pp

--B003190645 Discusses 721108 event After reactor scram, auxiliary transformer extensively damaged by fire Caused by mechanical failure of limit switch arm on turbine stop valve 2 Program developed to evaluate extent of equipment damage  
JONES, R F Vermont Yankee Nuclear Power Corp 72/12/13 6pp

B003200493 Discusses review of high pressure primary coolant piping sys Event 5 valve configuration does not exist at facility  
No mods or changes to inservice insp & test program & procedures necessary to increase valve reliability  
VANDENBURGH, D Vermont Yankee Nuclear Power Corp 80/03/14 2pp

B003210570 Forwards "Auxiliary Power Sys Voltage Study" for facility, in response to NRC 790808 request for info re adequacy of station electric distribution sys voltages  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/17 2pp

--B003210576 "Auxiliary Power Sys Voltage Study"  
JOHNSON, P R, URBANOWSKI, S F Yankee Atomic Electric Co  
YAEC-1205 80/03/17 40pp

B003310296 Application to amend License DPR-28 consisting of proposed Tech Spec Change 79 Technical description of recirculation pump trip & analog trip sys encl  
ORRICE, R H Vermont Yankee Nuclear Power Corp 80/03/17 12pp

--B003310298 Tech Spec Change Request 79 to reflect mods to recirculation pump trip & analog trip sys  
\* Vermont Yankee Nuclear Power Corp 80/03/17 34pp

B003280466 Advises that engineered safety feature info required by NRC will be delayed due to conflict w/schedule for response to IE Bulletin 80-06 Response will be submitted by B00531  
SMITH, R L Vermont Yankee Nuclear Power Corp 80/03/24 1p

Q Inspection reports, IE Bulletins & correspondence

B003060762 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

B003090023 Forwards IE Insp Rept 80-271/79-21 on 791128-30 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/04 2pp

--B003090029 IE Insp Rept 80-271/79-21 on 791128-30 No noncompliance noted Major areas inspected facility records & insp tours of accessible plant areas, licensee action on previous insp items & followup on IE bulletins & circulars  
RAYMOND, W J, STETKA, T F Region 1, Philadelphia, Office of the Director  
Director MARTIN, T T Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/02 7pp

B003090293 Responds to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply " Automatic depressurization sys accumulator sys are not periodically leak tested  
MOODY, D E Vermont Yankee Nuclear Power Corp 80/01/18 2pp

B003040313 Submits supplemental response to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply " Leak rate test will be performed on check valves in safety/relief valve air accumulator supply lines  
MOODY, D E Vermont Yankee Nuclear Power Corp 80/01/25 2pp

B003190863 Forwards IE Insp Rept 80-271/79-20 on 791119-21 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--B003190870 IE Insp Rept 80-271/79-20 on 791119-21 No noncompliance noted Major areas inspected pipe support & restraint sys surveillance & inservice insp program for Class 1 & 2 restraints  
FOLLEY, T Region 1, Philadelphia, Office of the Director  
CAPHTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/18 7pp

B003130075 Confirms B00129 telcon extending invitation to attend B00207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment "  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

B003260334 Forwards IE Mgt Meeting Rept 80-271/80-01 Meeting results beneficial in establishing ofc of resident reactor inspector at facility  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/31 1p

--B003260339 IE Mgt Meeting Rept 80-271/80-01 on B00110 at facility to discuss details re establishment of onsite ofc for two full-time NRC inspectors  
RAYMOND, W J, MCOSCAR, J J Region 1, Philadelphia, Office of the Director  
Director MARTIN, T T Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/27 2pp

B003190696 Ack receipt of B00124 ltr informing NRC of steps taken to correct unresolved item noted in IE Insp Rept 80-271/79-17  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/20 1p

B003140127 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

B003120566 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

B003140391 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

B003180298 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

B003180059 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003190295 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003260371 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p



## DOCKETED ITEMS

8003260463 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260178 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250369 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260000 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

#### R Periodic operating reports & related correspondence

8003170362 Forwards "Effluent & Waste Disposal Semiannual Rept. Radiological Impact on Man, Jul-Dec 1979 "  
SMITH, R L Vermont Yankee Nuclear Power Corp 80/03/07 1p

--8003170367 "Effluent & Waste Disposal Semiannual Rept. Radiological Impact on Man, Jul-Dec 1979 "  
\* Vermont Yankee Nuclear Power Corp 79/12/31 53pp

8003170263 Forwards monthly operating rept for Feb 1980  
MOODY, D E Vermont Yankee Nuclear Power Corp 80/03/12 1p

--8003170265 Monthly operating rept for Feb 1980  
BEERS, F C Vermont Yankee Nuclear Power Corp 80/03/12 8pp

#### S Reportable occurrences, LERs & related correspondence

8003040469 Forwards LER 80-007/03L-0  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/02/27 1p

--8003040476 LER 80-007/03L-0 on 800128, while performing surveillance testing of HPCI sys, governor valve remained shut after turbine was shut down w/auxiliary oil pump running Caused by actuator sticking  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/02/27 2pp

8003060550 Forwards LER 80-008/03L-0  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/03 1p

--8003060556 LER 80-008/03L-0 on 800203, during Feb 1980 shutdown, shock suppressor RR-2 found w/no visible fluid level in sight glass & declared visible insp failure Cause of leakage unknown Snubber rebuilt & tested prior to reinstallation  
CONWAY, W F Vermont Yankee Nuclear Power Corp 80/03/03 2pp

8003180551 Forwards LER 80-011/01P-0  
MURPHY, W P Vermont Yankee Nuclear Power Corp 80/03/13 1p

--8003180559 LER 80-011/01P-0 on 800312, investigation of onsite power distribution sys revealed voltage for continuous operation of some 480 volt sys loads below min required voltage Caused by incomplete analysis of sys when transformers replaced  
MURPHY, W P Vermont Yankee Nuclear Power Corp 80/03/13 2pp

8003210561 Forwards LER 80-009/03L-0  
MURPHY, W P Vermont Yankee Nuclear Power Corp 80/03/17 1p

--8003210566 LER 80-009/03L-0 on 800228, during surveillance, testing, RHR svc water pump P-B-1C failed to start Caused by broken lead on closing coil in circuit breaker Circuit breaker replaced  
MURPHY, W P Vermont Yankee Nuclear Power Corp 80/03/17 1p

#### DOCKET 50-272 SALEM NUCLEAR GENERATING STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003140082 "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum, Lesauur "  
HASNICK, N T, WILSON, J H Division of Site Safety & Environmental Analysis 80/03/31 101pp.

##### F Security, medical, emergency & fire protection plans

8003280944 Requests addl revisions to util 800104 safeguards contingency plan within 30 days as noted in encl comments Encl withheld (ref 10CFR2 790)  
SCHWENGER, A Operating Reactors Branch 1 80/03/05 2pp

##### G Adjudicatory correspondence

8003070283 Responds to 791018 petition requesting show cause order to suspend or revoke OL Request denied but other actions still under consideration Forwards director's decision per 10CFR2 206  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 1p

--8003070285 Director's decision per 2 206 denying request for suspension or revocation of OL Requests for action re other facilities still under consideration  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 5pp

--8003070288 Director's decision per 2 206 denying request for suspension or revocation of OL  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 1p

8003130050 Order granting extension until 800314 for Commission to elect whether to review Director's 800207 decision per 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 80/02/20 1p

8003260536 Joins w/licensee request for official notice President's radioactive waste mgt program consistent w/intervenor's Colemans & Lower Alloways Creek positions opposing untried option of high density spent fuel storage W/news article QNSBORFF, K A New Jersey, State of 80/02/20 4pp

8003130059 Notice of 800422 evidentiary hearing at Salem County courthouse, Salem, NJ, re gross loss of water from spent fuel storage pool Testimony on issue shall be filed on 800324 & objections on 800404  
MILHOLLIN, G L Atomic Safety and Licensing Board Panel 80/02/22 1p

8003130101 Memorandum & order re intervenors A & E Coleman motions Denies reinstatement of Contentions 7, 9 & 13 Grants motion to supplement Contentions 2 & 3 Clarifies ASLB 790418 questions & sets evidentiary hearings per separate notice  
MILHOLLIN, G L Atomic Safety and Licensing Board Panel 80/02/22 19pp

8003130003 Erratum to NASLP 800222 memorandum & order re amend to OL "On" in Line 15, Page 10 should be "or "  
MILHOLLIN, G L Atomic Safety and Licensing Board Panel 80/02/28 1p

8003250202 Response to SC Sholly 800117 first set of interrogatories Includes info re containment isolation sys & conditions defeating ECCS by reducing flow rate or turning off sys W/Affidavits & prof qualifications  
SWARTZ, L L Antitrust Division 80/02/29 48pp

8003190933 Forwards licensee 800303 motion in form of brief, for directed certification & for stay of proceeding  
WETTERHAHN, M J Conner, Moore & Corber 80/03/03 1p

--8003190942 Motion in form of brief for directed certification of Class 9 question & for stay of proceeding ASLB intercession is warranted per stds set in Marble Hill & Skagit proceedings Urges consideration of all aspects Certificate of Svc encl  
WETTERHAHN, M J, FRYLING, R Public Service Electric & Gas Co of New Jersey WETTERHAHN, M J Conner, Moore & Corber 80/03/03 33pp

8003060325 Response stating no objection to licensee 800214 request to take official notice of White House 800212 "Fact Sheet, President's Program on Radiowaste Mgt " Certificate of Svc encl.  
MOORE, J E Hearing Branch 2 80/03/05 3pp

8003110633 Discusses experience in facility proceeding & 791029 meeting in Bethesda, MD re shortnose sturgeon NRC should improve intervenor treatment Expresses opposition to facilities  
COLEMAN, E G, COLEMAN, A C Affiliation Unknown 80/03/05 3pp

8003310491 Requests name removal as atty for Township of Lower Alloways Creek in proceedings  
HORNBER, N C Affiliation Unknown 80/03/10 1p

# DOCKETED ITEMS

79

8003260244 Order granting extension until 800328 for Commission to elect whether to review director's 800207 decision taken under 10CFR2.206  
CHILK, S J Office of the Secretary of the Commission 80/03/11 1p

8003200141 Order granting PBE&Q motion to take official notice of White House 800212 "Fact Sheet, President's Program on Radwaste Mgt." re OL amend proceeding Certificate of Svc encl MILHOLLIN, G L Atomic Safety and Licensing Board Panel 80/03/13 3pp

8003240622 Opposition to licensee motion for directed certification of Class 9 accident consequences & for stay of fuel pool expansion proceeding W/notice of appearance & Certificate of Svc  
PATON, W D Hearing Branch 4 MOORE, J E Hearing Branch 2 80/03/13 14pp

8003270065 Order advising that relief from present testimony schedule should be sought from ASLB, due to absence of responses by all parties to licensee motion for directed certification & stay  
TOMPKINS, B A Atomic Safety and Licensing Appeal Panel 80/03/20 1p

8003310245 Order postponing 800422 evidentiary hearing until 800428, in response to AC & EQ Coleman request Testimony re consequences of gross loss of water from storage pool, shall be filed by 800410 & objections thereto by 800421  
MILHOLLIN, G L Atomic Safety and Licensing Board Panel 80/03/21 2pp

## J Insurance & indemnity information

8003180626 Forwards certified Endorsement 3 to NELIA Binder EB-60  
CORREA, C Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/02/29 2pp

8003110498 Forwards certified Endorsements 7 & 37 to NELIA Policy NF-230  
CORREA, M A Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/03/04 3pp

8003110659 Forwards certified Endorsement 38 to NELIA Policy NF-230  
CORREA, M A Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/03/04 2pp

## K Utility Final Safety Analysis Report (FSAR) & amends

8003100140 Forwards amend to FSAR submitted as Amend 43 to OL Consists of 60 replacement pages  
MITTLER, L Public Service Electric & Gas Co of New Jersey 80/03/06 1p

--8003100143 Amend to FSAR submitted as Amend 43 to OL Consists of 60 replacement pages  
\* Public Service Electric & Gas Co of New Jersey 80/03/06 50pp

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060634 Notices of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations.  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003270079 Forwards safety evaluation re facility override of containment purge isolation & other engineered safety feature actuation signals. Review concludes mode bring plant into design conformance w/exceptions  
LAINAS, G Plant Systems Branch 80/01/30 2pp

--8003270084 Safety evaluation re facility override of containment purge isolation & other engineered safety feature actuation signals  
\* Office of Nuclear Reactor Regulation 80/01/30 2pp.

--8003270090 "Electrical instrumentation & Control Aspects of Override of Containment Purge Valve Isolation & Other Safety Feature Signals," informal rept  
UDY, A C EG & Q, Inc FIN A-6256 79/11/30 10pp

8003270085 Advises of status re review of containment purge & vent isolation & actions taken since 790822 meeting Interim position & Laines 800130 memo encl  
ROSS, W J Operating Reactors Branch 1 80/02/14 3pp

--8003270092 Forwards safety evaluation re override of containment purge isolation. Mode are acceptable w/three exceptions licensee should provide spring-loaded covers over buttons, provide for sys level annunciation & upgrade radiation monitors  
LAINAS, G Plant Systems Branch 80/01/30 2pp

--8003270095 Safety evaluation, resulting from AD 78-5, re override of containment isolation & other engineered safety feature actuation signals  
\* Power Systems Branch 80/01/30 2pp

8003140040 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140045 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140049 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140071 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140073 Confirms 800225 meeting in Trenton, NJ to discuss planned placement of TLDs around facilities as part of nationwide environ radiation monitoring program  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/19 1p

8003140150 Forwards Amend 24 to License DPR-70, safety & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 2pp.

--8003140158 Amend 24 to License DPR-70, incorporating Tech Specs governing operation & surveillance of low temp pressurizer overpressure protection sys  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 14pp

--8003140164 Safety evaluation supporting Amend 24 to License DPR-70 EQ&Q Inc supporting evaluation encl  
\* Operating Reactors Branch 1 80/02/21 11pp

--8003140170 "Technical Evaluation of Electrical Instrumentation & Control Design Aspects of Low Temp Overpressure Protection Sys for Facility"  
LAUDENBACH, D H EQ & Q, Inc 80/02/21 14pp

--8003140174 Notice of issuance & availability of Amend 24 to License DPR-70  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 2pp

8003250217 Forwards corrected issuance of Amend 24, to license DPR-70 & safety evaluation  
SCHWENCER, A Operating Reactors Branch 1, 80/02/21 2pp

--8003250228 Amend 24 to License DPR-70, incorporating std radiological safety Tech Specs for operation & surveillance of low temp pressurizer overpressure protection sys.  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 24pp

--8003250235 Safety evaluation supporting Amend 24 to License DPR-70.  
\* Office of Nuclear Reactor Regulation. 80/02/21 11pp.

## DOCKETED ITEMS

800310029 Notices of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENGER, A Operating Reactors Branch 1 80/02/25 2pp

800314064 Forwards "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur" EPA concurrence will be sent by 800307  
LEAR, R Environmental Specialists Branch 80/02/29 2pp

--800314082 "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur"  
MASHIK, N T Division of Site Safety & Environmental Analysis  
80/03/31 10pp

800310512 Submits suppl info re degraded grid voltage protection at facility in response to NRC Oct 1979 request Provides proposed design for second level of undervoltage protection  
LIBRIZZI, F P Public Service Electric & Gas Co of New Jersey  
80/03/03 174pp

800310573 Forwards error analysis of subcooling margin reading re mod of small break LOCA operator guidelines, per NRC 791227 request  
LIBRIZZI, F P Public Service Electric & Gas Co of New Jersey  
80/03/03 14pp

800310592 Concurs w/NRC conclusion that facility operation will not jeopardize continued existence of shortnose sturgeon  
MORALES-SANCHEZ Environmental Protection Agency 80/03/05 2pp

8003280514 Notification of 800319 meeting w/util in Bethesda, MD to discuss review of proposed radiological ETS  
ROSS, W J Operating Reactors Branch 1 80/03/05 2pp

8003170261 Forwards "Pump & Valve Testing Program," superseding 20-month update forwarded on 790209 Program incorporates comments & revisions agreed to at 800130 & 31 meetings w/NRC  
LIBRIZZI, F P Public Service Electric & Gas Co of New Jersey  
80/03/10 1p

--8003170264 "Pump & Valve Testing Program"  
Public Service Electric & Gas Co of New Jersey 80/03/10 7pp

8003210484 Submits info re LWR primary coolant sys pressure isolation valves in response to NRC 800223 ltr Includes info re Event 5 isolation valve configurations Plant procedures revised to increase valve reliability  
LIBRIZZI, F P Public Service Electric & Gas Co of New Jersey  
80/03/14 10pp

8003260629 Forwards application to amend license DPR-70, changing 125-volt & 28-volt battery individual cell min voltages & proposed Tech Specs Class III fee encl  
LIBRIZZI, F P Public Service Electric & Gas Co of New Jersey  
80/03/17 1p

--8003260632 Application to amend License DPR-70, changing 125-volt & 28-volt battery individual cell min voltages  
SCHNEIDER, F W Public Service Electric & Gas Co of New Jersey  
80/03/17 2pp

--8003260635 Proposed Tech Spec changes for surveillance requirements to electrical power sys, changing 125-volt & 28-volt battery individual cell min voltages  
Public Service Electric & Gas Co of New Jersey 80/03/17 2pp

8003250569 Forwards supplemental response to NRC 800225 ltr re cracking in Westinghouse low pressure turbine discs  
SCHNEIDER, F W Public Service Electric & Gas Co of New Jersey  
80/03/20 7pp

8003260361 Forwards Westinghouse responses to NRC 800225 request for info re cracking in low pressure turbine discs Info supplements 800319 ltr Info withheld (ref 10CFR2 790)  
SCHNEIDER, F W Public Service Electric & Gas Co of New Jersey  
80/03/20 7pp

0 Inspection reports, IE Bulletins & correspondence

8003060721 Notices that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general cks, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003060280 Forwards IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/02 2pp

--8003060292 IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 No noncompliance noted Major areas inspected log & record reviews, review of licensee events, followup on IE bulletins & previous insp items  
MORRIS, L J, NICHOLAS, H H Region 1, Philadelphia, Office of the Director  
KEINO, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/13 18pp

8003130074 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environment Qualifications or Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

8003040031 Ack receipt of 800122 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-272/79-28  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/07 1p

--8003040034 Responds to NRC 800102 ltr re violations noted in IE Insp Rept 50-272/79-28 Corrective actions independent verification program will be established re valve alignment surveillance  
SCHNEIDER, F W Public Service Electric & Gas Co of New Jersey  
80/01/22 4pp

--8003040038 Forwards IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 & notices of violation & deviation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/02 2pp

--8003040041 Notice of violation from insp on 791007-1117  
Region 1, Philadelphia, Office of the Director 79/12/13 1p

--8003040045 Notice of deviation from insp on 791007-1117  
Region 1, Philadelphia, Office of the Director 79/12/13 1p

--8003040051 IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 Noncompliance noted failure to follow procedures re valve status & to complete seismic support mods prior to Mode 4 operation  
KEINO, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch  
RHODAS, G G, NICHOLAS, H H Region 1, Philadelphia, Office of the Director 79/12/13 18pp

8003040092 Ack receipt of 791220 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-272/79-29  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/12 1p

--8003040096 Responds to NRC 791130 ltr re violations noted in IE Insp Rept 50-272/79-29 Corrective actions strip chart recorder will be used in connection w/computer to monitor temp limits  
SCHNEIDER, F W Public Service Electric & Gas Co of New Jersey  
79/12/20 3pp

--8003040098 Forwards IE Insp Rept 50-272/79-29 on 791015-1B & notice of violation  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/30 2pp

--8003040101 Notice of violation from insp on 791015-1B  
Region 1, Philadelphia, Office of the Director 79/11/26 1p

--8003040106 IE Insp Rept 50-272/79-29 on 791015-1B Noncompliance noted exceeding condenser temp limiting condition & failure to maintain condenser temp records  
GRES, R J Region 1, Philadelphia, Fuel Facility & Materials Safety Branch  
JACKSON, T J, SHANBAY, M M Region 1, Philadelphia, Office of the Director 79/11/26 5pp

8003190927 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-272/79-31 & 50-311/79-36  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/23 1p

--8003190954 Forwards IE Insp Repts 50-272/79-31 & 50-311/79-36 on 791113-15 & notice of violation  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/21 2pp

# DOCKETED ITEMS

81

--B003190962 Notice of violation from insp on 791113-15  
\* Region 1, Philadelphia, Office of the Director 80/01/04 3pp

--B003190975 IE Insp Repts 50-272/79-31 & 50-311/79-36 on 791113-15  
Noncompliance noted failure to provide document control &  
to provide adequate procedures  
THOMAS, L. H., NIMITZ, R. L. Region 1, Philadelphia, Office of the  
Director STOHR, J. P. Region 1, Philadelphia, Fuel Facility &  
Materials Safety Branch 80/01/04 11pp

B003140477 Forwards IE Info Notice 79-37, "Cracking in Low Pressure  
Turbine Discs" w/errata sheet & request for info related to  
turbine disc cracks Reply requested within 20 days  
EISENHUT, D. G. Division of Operating Reactors 80/02/25 3pp

B003140121 Forwards IE Info Notice 80-06, "Notification of Significant  
Events " No action required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/02/27 1p

B003050470 Responds to NRC B00225 ltr re IE Info Notice 79-37  
concerning cracking in low pressure turbine discs Discs have  
been subj to magnetic particle insp at every turbine insp No  
cracks detected Affidavit encl  
ECKERT, R. M. Public Service Electric & Gas Co of New Jersey  
80/02/29 4pp

B003120556 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/02/29 1p

B003140390 Forwards supplemental info to IE Bulletin 79-01B, "Environ  
Qualification of Class IE Equipment " Response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

B003180294 Forwards IE Circular 80-03, "Protection From Toxic Gas  
Hazards " No written response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/06 1p

B003180053 Forwards IE Info Notice 80-09, "Possible Occupational Health  
Hazard Associated w/Closed Cooling Sys for Operating Power  
Plants " No written response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003190279 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003260362 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003260452 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "  
Action & written response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/10 1p

B003260168 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " Written response required.  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/13 1p

B003250360 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director  
80/03/14 1p.

B003260070 Forwards IE Circular 80-04, "Securing of Threaded Locking  
Devices on Safety-Related Equipment " No written response  
required  
GRIER, B. H. Region 1, Philadelphia, Office of the Director.  
80/03/14 1p.

B003240411 Responds to NRC B00225 request & IE Info Notice 79-37 re  
cracking in low pressure turbine discs. No insp for disc bore  
cracking has been performed. Application for withholding &  
affidavit encl. Info withheld (ref IOCFR2, 790).  
SCHNEIDER, F. W. Public Service Electric & Gas Co of New Jersey  
80/03/19 54pp

R Periodic operating reports & related correspondence

B003110568 Forwards "Semiannual Radioactive Effluent Release Rept, Jul-  
Dec 1979 "  
LIBRIZZI, F. P. Public Service Electric & Gas Co of New Jersey  
80/02/29 1p

--B003110570 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 "  
\* Public Service Electric & Gas Co of New Jersey 80/03/31  
40pp

B003180496 Forwards monthly operating rept for Feb 1980  
MIDURA, H. J. Public Service Electric & Gas Co of New Jersey  
80/03/10 1p

--B003180500 Monthly operating rept for Feb 1980  
MILLER, L. K. Public Service Electric & Gas Co of New Jersey  
80/03/10 15pp

S Reportable occurrences, LERs & related correspondence

B003190448 PNO-1-80-027 on B00214, reactor tripped due to low water  
level in Steam Generator 14 coincident w/steam flow/feed  
mismatch Caused by control mechanism failure for feedwater  
regulating valve  
KEIMIG, R. R., BRUNNER, E. J. Region 1, Philadelphia, Office of the  
Director 80/01/15 1p

B003050280 RD 80-07/03P on B00128, check valve in demineralized water  
supply to auxiliary feedwater storage tanks found not in  
conformance w/intended design  
MIDURA, H. J. Public Service Electric & Gas Co of New Jersey  
80/01/29 1p

B003190233 PNO-1-80-033 on B00226, reactor tripped due to turbine  
generator fault No radioactivity released While unit is  
down, licensee plans to inspect low pressure turbine & add  
weight to correct vibration problem  
KEIMIG, R. R., BRUNNER, E. J. Region 1, Philadelphia, Office of the  
Director 80/02/27 1p

B003060537 Forwards LER 80-003/03L-0  
LIBRIZZI, F. P. Public Service Electric & Gas Co of New Jersey  
80/03/03 2pp

--B003060551 LER 80-003/03L-0 on B00203, air particulate detector pump  
seized, rendering detector inoperable Caused by normal  
degradation of pump Pump replaced  
MURPHY, M. J. Public Service Electric & Gas Co of New Jersey  
80/03/03 1p

B003060558 Forwards LER 80-011/03L-0  
LIBRIZZI, F. P. Public Service Electric & Gas Co of New Jersey  
80/03/03 2pp

--B003060567 LER 80-011/03L-0 on B00212, during air lock leakage test,  
found leakage above Tech Spec limit Caused by gasket being  
jammed from seating channel Gasket & seating surface  
cleaned Gasket reinstalled  
MURPHY, M. J. Public Service Electric & Gas Co of New Jersey  
80/03/03 1p

B003060570 Forwards LER 80-012/03L-0  
LIBRIZZI, F. P. Public Service Electric & Gas Co of New Jersey  
80/03/03 3pp

--B003060572 LER 80-012/03L-0 on B00205, air particulate detector was  
declared inoperable when shear pins & microswitch failed  
Caused by normal degradation of pins & probable bump of  
switch by personnel Pins replaced & switch repaired  
MURPHY, M. J. Public Service Electric & Gas Co of New Jersey  
80/03/03 1p

B003060596 Forwards LER 80-010/03L-0  
LIBRIZZI, F. P. Public Service Electric & Gas Co of New Jersey  
80/03/03 2pp

--B003060603 LER 80-010/03L-0 on B00206, while reviewing procedure, found  
that, during load test on manipulator crane prior to fuel  
movement on 790425, test of 3,220 lbs performed instead of  
3,250 lbs per Tech Spec Procedure will be revised  
MURPHY, M. J. Public Service Electric & Gas Co of New Jersey  
80/03/03 1p

## DOCKETED ITEMS

## DOCKET 50-273 BEZNAV NUCLEAR STATION

F Security, medical, emergency & fire protection plans

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone" Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

## DOCKET 50-274 U S GEOLOGICAL SURVEY RESEARCH REACTOR

G Inspection reports, IE Bulletins & correspondence

8003110339 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 50-275 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 1

A Application/construction stage documents & correspondence

8003250170 Forwards application for amend to License SNM-1503 re procedure for storing neutron sources once spent fuel pool is drained  
CRANE, P A Pacific Gas & Electric Co 80/01/08 1p

--8003250175 Application for amend to License SNM-1503 re procedure for storing neutron sources once spent fuel pool is drained  
Description of procedure encl  
SHACKELFORD, B, CRANE, P A Pacific Gas & Electric Co 80/01/08 3pp

8002130332 Comments on proposed Reg Guide 1.97, Revision 2 format difficult to read Scope should be same as ANS 4.5  
Continuous recording requirements too restrictive  
CRANE, P A Pacific Gas & Electric Co 80/01/21 39pp

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

-8003190734 Requests maps indicating low population zones for facilities  
EDSON, A California, State of 80/01/07 1p

8003060590 Act receipt of 800123 ltr requesting consultation on Section 7 of Endangered Species Act Info on gray whale is under jurisdiction of Natl Marine Fisheries Svc & info on other four species to be addressed by Fish & Wildlife Svc  
MAREHALL, D B Interior, Dept of, Fish & Wildlife Service 80/02/04 1p

8003190066 Advises of practical benefit to undertake special low power test programs similar to those undertaken by TVA & VEPCC  
Proposed encl program supplements FSAR testing program & increases tests required per Reg Guide 1.6B Urges review  
CRANE, P A Pacific Gas & Electric Co 80/02/07 12pp

8003140454 Board notification forwards info re recent offshore seismic reflection data & significance to site info considered in establishing position regarding SSE for facilities  
VARQA, S A Assistant Director for Light Water Reactors 80/02/11 1p

--8003140457 Forwards RB McMullen 800121 memo describing info presented in RB Lesley abstract published in 791113 American Geophysical Union publication Info does not change USGS conclusion SSE for sites  
JACKSON, R E Geosciences Branch 80/01/21 4pp

--8003140459 Reviews info presented in RB Lesley abstract published in 791113 American Geophysical Union publication USGS agrees w/publication interpretation  
MCMULLEN, R B Geosciences Branch 80/01/21 2pp

8003040188 Notification of 800226 meeting w/utills in Bethesda, MD to discuss addl clarification of NRC requirements in design review of plant shielding & environ qualification of equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 BROMERICK, A W, LICITRA, E A Light Water Reactors Branch 3 80/02/19 9pp

8003050231 Supplements NRC 800128 response to FOIA request Addl info located after 800128 Forwards documents listed in App A Documents 4 & 5 partially withheld legal advice (ref FOIA Exemption 5)  
FELTON, J M Division of Rules and Records 80/02/22 3pp

--8003050236 Requests that appropriate persons be notified that facility review should be completed w/o need for suppl to GER  
BOYD, R S Atomic Energy Commission 73/10/02 1p

--8003050316 Confirms schedule for NRC safety review of GL application for facilities Requests addl info re effects of newly discovered geologic faults, effects of tsunamis & slope stability field work & analysis Review schedule encl  
QIAMBUSO, A Atomic Energy Commission - Deputy Director for Reactor Projects 73/12/21 3pp

--8003050321 Notifies of 740604 mgt meeting w/utill in Bethesda, MD re offshore faults Lists utill participants Document is annotated by JM Hendrie  
HIRONS, T J Atomic Energy Commission, Directorate of Licensing 74/05/30 1p

--8003050335 Discusses 7/0913 review of JM Hendrie personal involvement in processing of applications Lists documents found in JM Hendrie personal files Hendrie will determine whether he disqualifies from disposition of adjudicatory matters  
FITZGERALD, J Office of the General Counsel 77/09/14 2pp

--8003050347 Discusses review of Ofc Nuclear Reactor Regulation & ACRS files to determine extent of JM Hendrie involvement in review of facility application Lists documents found in files Forwards ACRS memo summarizing JM Hendrie involvement  
FITZGERALD, J A Office of the General Counsel 77/12/06 3pp

--8003050354 Discusses JM Hendrie activities re facility while member of ACRS Review of project files revealed that JM Hendrie did not participate in any special way beyond normal activities of ACRS member  
LIBARKIN, M W ACRS - Advisory Committee on Reactor Safeguards 79/11/28 1p

8003050500 "Response to NUREG-0578 Short-Term Lessons Learned Requirements"  
\* Pacific Gas & Electric Co 80/02/29 300pp

8003060564 Responds to 791130 ltr re field audit of FSAR separation criteria for electric equipment & sys  
CRANE, P A Pacific Gas & Electric Co 80/02/29 1p

8003260592 Forwards response to NUREG-0578 short-term Lessons Learned requirements Rept supercedes 790527 & 1231 responses  
CRANE, P A Pacific Gas & Electric Co 80/02/29 260pp

8003200622 Summary of 800130 & 31 meetings w/utill & Westinghouse at site re continuation of review process involving implementation of short-term Lessons Learned requirements  
STOLZ, J F Light Water Reactors Branch 1 80/03/03 7pp

8003250185 Requests analysis of adequacy of equipment qualification program Requests schedule for completing review re environ qualification of safety-related equipment & significant aging mechanisms  
STOLZ, J F Light Water Reactors Branch 1 80/03/03 4pp

8003260277 Notification of 800313 meeting w/utill in Bethesda, MD to discuss feedwater sys reliability analysis methods  
BUCKLEY, B L Light Water Reactors Branch 1 80/03/06 4pp

8003180481 Forwards evaluation of how auxiliary feedwater sys meets each requirement in GRF 10.4.9 & Branch Technical Position ASB-10-1 in response to 791130 meeting w/NRC in Bethesda, MD & NRC 800310 ltr  
CRANE, P A Pacific Gas & Electric Co 80/03/13 5pp

8003260631 Forwards "P&E Response to NUREG-0578 Short-Term Lessons Learned Requirements," Revision 1  
CRANE, P A Pacific Gas & Electric Co 80/03/14 2pp

--8003260634 "P&E Response to NUREG-0578 Short-Term Lessons Learned Requirements," Revision 1  
\* Pacific Gas & Electric Co 80/03/14 43pp

8003260528 Notifies that utill will implement rod drop protection interim solution described in NRC 800213 ltr  
CRANE, P A Pacific Gas & Electric Co 80/03/17 1p

# DOCKETED ITEMS

83

8003260647 Forwards tabulation of info re equipment located outside containment & subj to high energy line break, in response to NRC 791102 ltr concerning environ qualification of Class IE electrical equipment  
CRANE, P A Pacific Gas & Electric Co 80/03/20 2pp

## F Security, medical, emergency & fire protection plans

8002070079 Forwards request for evacuation time estimates for areas near nuclear power plants info should be submitted by 800331  
GRINES, B K Emergency Preparedness Task Force 79/12/26 4pp

8003040212 Forwards upgraded emergency plan per 791010 request  
CRANE, P A Pacific Gas & Electric Co 80/02/26 1p

--8003040218 Upgraded emergency plan, Revision 2  
\* Pacific Gas & Electric Co 80/02/29 629pp

8003270381 Forwards corporate emergency response plan, prepared by EDS Nuclear, Inc  
CRANE, P A Pacific Gas & Electric Co 80/03/21 1p

--8003270384 Corporate emergency response plan, constituting App 1 of Revision 2 to emergency plan  
\* EDS Nuclear, Inc 80/03/20 125pp

## G Adjudicatory correspondence

8003060293 Responds to 790725 ltr re hazard of locating facility near earthquake fault Includes comments of ASLB re seismic design  
REGAN, W H Assistant Director for Environmental Projects 80/02/21 2pp

8003040306 Order: calendaring 800402 oral argument at Old County Courthouse, San Luis Obispo, CA re intervenors' exceptions concerning earthquake issues Two hours of argument will be granted for each party  
TOMPKINS, D A Atomic Safety and Licensing Appeal Panel 80/02/25 2pp

8003040315 Order: calendaring 800403 first prehearing conference at Old County Courthouse, San Luis Obispo, CA, in response to ALAB-580 re adequacy of security plan Conference will be closed to public  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/02/25 8pp

8003250465 Motion by Joint Intervenor to reschedule 800402 oral argument R Hubbard, intervenors' principal technical consultant, not available Applicant & NRC have no objection to quick rescheduling Certificate of Svc encl  
FLEISCHAKER, D Fleischaker, D S PHILLIPS, J R Center for law in the Public Interest 80/02/24 5pp

8003070009 Memorandum & order changing date of oral argument on intervenors' exceptions re ability to withstand earthquakes, to 800403 location & time remain same  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/02/28 3pp

8003060457 Notice of appearance in proceeding Certificate of Svc encl  
TOURTELLOTTE, J, DAVIS, L D, KETCHUM, E G Hearing Branch 4 80/03/05 4pp

8003100135 Advises of JR Tourtellotte responsibility as leading counsel for conduct of proceeding, in response to ASLAB 800225 first prehearing conference order  
TOURTELLOTTE, J Hearing Branch 4 80/03/06 1p

8003140175 Order entrusting challenged Commissioners Kennedy & Hendrie w/self disqualification decision, in response to Joint Intervenor's 791024 & 26 motions If self disqualification declined, parties shall file addl info PA Bradford dissented  
CHILK, S J Office of the Secretary of the Commission 80/03/06 2pp

8003260654 Responds to 800228 ltr expressing opposition to granting OL Decision on issue rests on evidence introduced into record Ltr will not be admitted due to off-the-record 10CFR2 780 Public may attend 800403 argument  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/06 3pp

--8003260656 Urges, on behalf of Stop U Now, member group of Abalone Alliance, denial of OL Supporting documentation encl  
HOPKINS, T Affiliation Unknown 80/02/28 7pp

--8003260659 Request to deny OL signed by citizens of Ventura & Santa Barbara Counties, CA Alleges unsafe conditions due to active earthquake fault at plant proximity  
PANETTA, L Affiliation Unknown 80/02/13 4pp

8003200079 Mod to ASLAB 800225 first prehearing conference order (IRC shall hand-deliver current security plan to ASLAB by 800318 Copy of security plan & of 800225 sanitized version shall be in possession of NRC counsel during 800402 conference  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/11 2pp

8003240575 Memorandum & order accepting Governor EG Brown or State of CA brief amicus curiae but rejecting contents of brief re intervention as party in seismic issue consideration Certificate of Svc encl  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/12 9pp

8003280043 Order granting extension until 800415 for Commission to act to review ALAB-580  
CHILK, S J Office of the Secretary of the Commission 80/03/12 1p

8003280364 Advises that Chairman of Diablo Canyon ASLAB requests encl 2 Bates 800307 ltr re concern about facilities be placed in PDR & copies of ltr be served on parties in proceeding  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/12 2pp

8003280028 Notice of appearance in proceeding Certificate of Svc encl  
BROWN, H H, KLINE, J A California, State of BROWN, H H Hill Christopher & Phillips 80/03/14 4pp

8003280003 Notices of appearances in proceeding Certificate of Svc encl  
NORTON, II Bruce Norton FURBUSH, H H, CRANE, P A Pacific Gas & Electric Co 80/03/17 4pp

8003301738 Memorandum to Commission re Joint Intervenor's 800317 request concerning appeal of seismic issues JH Buck recusal from ASLAB is not required absent conditions / grounds for disqualification as stated in Midland decision  
BUCK, J H Atomic Safety and Licensing Appeal Panel 80/03/24 8pp

## H General correspondence

8003130041 Urges support for conducting earthquake hearings in San Luis Obispo County  
SCHAMIAN, F Affiliation Unknown 80/02/14 1p

--8003130048 Urges relocation to San Luis Obispo County of local proceedings on oral arguments re safety licensing of proposed plant  
GALLAGHER, M P San Luis Obispo, CA 80/02/06 1p

--8003130053 Urges changing location of ASLB hearings from Bethesda, MD to San Luis Obispo County  
GINGER, Affiliation Unknown 80/01/16 1p

--8003130063 Urges support for holding earthquake hearing in San Luis Obispo County  
KNEILER, S H Affiliation Unknown 80/02/13 1p

8003190908 Responds to 800125 ltr Most suggestions already implemented in connection w/NRC environ review of facility ASLB decisions, util & NRC repts & public hearing transcripts available in NRC LPDR  
CRANE, P A Pacific Gas & Electric Co 80/02/19 1p

8003100030 Forwards radiological monitoring info in response to 800125 suggestion re radiological monitoring program Program cost unjustified Annual repts on results of radiological environ monitoring program available in LPDR  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/20 4pp

--8003100037 Forwards suggestions re radiological monitor program Impartial study may settle controversial effects of nuclear reactors  
FORBES, B E Affiliation Unknown 80/01/25 2pp

8003270396 Second notice of change of address for svc list Change effective until 800901  
APFELBERG, E Affiliation Unknown 80/03/27 1p

## DOCKETED ITEMS

## G Inspection reports, IE Bulletins &amp; correspondence

8003130132 Responds to IE Bulletin 79-24 request for facility review to determine that adequate measures have been taken to assure that safety-related process, instrument & sampling lines do not freeze during cold weather. No measures necessary.  
CRANE, P A Pacific Gas & Electric Co 79/11/06 1p

8003100070 Forwards response to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Fuel Exciter Transformer." Full load tests of 24-h duration were performed on Diesel Generators 11, 12 & 13 Voltage & frequency recorded & logged.  
CRANE, P A Pacific Gas & Electric Co 79/11/08 2pp

8003120739 Forwards response to IE Bulletins 79-05C & 79-06C Westinghouse owners group has responded to several bulletin issues.  
CRANE, P A Pacific Gas & Electric Co 79/11/09 3pp

8003100009 Forwards response to IE Bulletin 79-13, Revision 2, Item 5 Testing & insp program for Unit 1 indicated no evident deficiencies. Adequacy of Emergency Procedure EOP-28 has been reviewed.  
CRANE, P A Pacific Gas & Electric Co 79/12/12 5pp

8003070002 Forwards IE Insp Repts 50-275/79-26 & 50-323/79-13 on 791203-13 No noncompliance noted.  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/21 2pp

--8003070007 IE Insp Repts 50-275/79-26 & 50-323/79-13 on 791203-13 No noncompliance noted. Major areas inspected previous insp findings, alleged faulty concrete const & alleged offcenter drilling of pipe rupture restraint coupling sleeves.  
DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch KIRSH, D F Region 5, San Francisco, Office of the Director 80/01/18 9pp

8003170146 Responds to IE Bulletin 79-28 re possible malfunction of NAMCO limit switches. Util has 27 NAMCO limit switches date coded Apr 1979. Vendor will provide gasket replacement kits for all switches. Replacement will be complete by 800401.  
CRANE, P A Pacific Gas & Electric Co 80/01/28 1p

800310292 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition." Written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/08 1p

8003270511 Responds to NRC 791128 comments re util response to IE Bulletin 79-02. Outlines program for base plate & anchor bolt insp by Teledyne Engineering Svcs.  
CRANE, P A Pacific Gas & Electric Co 80/02/14 2pp

8003040675 Act receipt of 791228 ltr informing NRC of steps taken to correct deviations noted in IE Insp Repts 50-275/79-22 & 50-323/79-12.  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/21 1p

--8003040680 Responds to 791120 ltr re deviations noted in IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26. Corrective action, areas of excessive reinforcement on vol control tanks will be ground per requirements & radiographed.  
CRANE, P A Pacific Gas & Electric Co 79/12/28 2pp

--8003040684 Forwards IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26 & notice of deviation.  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 79/11/20 2pp

--8003040687 Notice of deviation from insp on 791023-26  
\* Region 5, San Francisco, Office of the Director 79/11/19 1p.

--8003040693 IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26. Noncompliance noted excessive weld reinforcement on interior welds of vol control tanks.  
KIRSH, D F, HAIST, D P Region 5, San Francisco, Office of the Director, DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch 79/11/19 8pp

8003120273 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140374 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180017 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180111 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260564 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260376 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250155 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260344 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs &amp; related correspondence

8003200628 Requests withdrawal of deficiency rept re potential problem w/Westinghouse steam generator water level instrumentation. Ofc of Nuclear Reactor Regulation interest supersedes that of IE.  
CRANE, P A Pacific Gas & Electric Co 80/03/13 1P

## U Congressional/Executive Correspondence

8003060470 Responds to CA delegation 791212 ltr urging OL issuance to plants that have completed mods resulting from TMI-2 lessons learned. Facility under review for OL NRC preparing action plan w/criteria for implementing actions re TMI-2 accident.  
KAMMERER, C Office of Congressional Affairs 80/02/06 2pp

--8003060497 Submits request by CA congressional delegation for expedited licensing of facilities that have completed TMI-2 lessons learned. Mod power needed to meet electricity demands & reduce need for oil.  
JOHNSON, H T, LLOYD, J, WILSON, B House of Rep 79/12/12 3pp

## DOCKET 50-276 GEORGETOWN TECH RESEARCH REACTOR

## G Inspection reports, IE Bulletins &amp; correspondence

8003110471 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

## DOCKET 50-277 PEACH BOTTOM ATOMIC POWER STATION, UNIT 2

## F Security, medical, emergency &amp; fire protection plans

8003240230 Accepts 800128 request for extension to portion of security plan implementation schedule. Acceptance contingent upon 800228 telcon re mods to vital area alarm annunciation sys. Requests mods within 10 days. Plan withheld (ref 10CFR2 790).  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

8003170414 Forwards revised cover, title page & Page 6-i to physical security plan. Encls withheld (ref 10CFR2 790).  
BRADLEY, E J Philadelphia Electric Co 80/03/14 3pp

# DOCKETED ITEMS

85

8003280012 Forwards comments re initial review of 790323 safeguards contingency plan Requests response within 45 days Comments withheld (ref 10CFR2 790)  
IPFQLITO, T A Operating Reactors Branch 3 80/03/14 2pp

## G Adjudicatory correspondence

8003070316 Notifies that C Kepford will represent intervenors in facility proceedings No witnesses presented in Radon-222 proceedings On 800220 intervenors will advise ASLAB on intentions to request subpoena for TWA pilot Svc list encl  
KEPFORD, C Affiliation Unknown 80/02/15 3pp

8003070312 Advises of 800219 telcon w/licenses & intervenors Agreement reached on direct testimony & cross-examination re radon release issue Submits order of presentation for ASLAB approval  
BORDENICK, B M Hearing Branch 4 80/02/20 2pp

8003060462 Notifies that NRC witness RM Wilde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining Revised testimony encl  
BORDENICK, B M Hearing Branch 4 80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from worked-out U mines  
WILDE, R M Division of Fuel Cycle & Material Safety 80/02/22 17pp

8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per agreement re radon issue Responses may be filed on 800627 Parties may address ALAD-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 2pp

8003170045 Forwards NUREG/CR-0627, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0628, PNL-2889 revision re prediction of net radon emission from model open pit U mine W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cn-137, per CR Kepford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4 80/03/18 1p

## I Financial information

8003120567 Requests extension for annual filing of certified financial statements & cash flow projections until 800415  
BRADLEY, E J Philadelphia Electric Co 80/03/05 2pp

## P Operating license stage documents & correspondence

8003120726 Discusses completion date for installing new hangers for Unit 3 Task expected to be completed by 800105  
COONEY, M J Philadelphia Electric Co 79/12/14 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800107  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POKERS, D A Core Performance Branch 79/11/30 106pp

8003120746 Submits info re recent support mods to three level sensing lines on Unit 3 reactor Discusses status of comparable lines on Unit 2 Two Unit 3 lines within operability criteria for seismic loading stresses & FSAR stress criteria  
COONEY, M J Philadelphia Electric Co 80/02/07 2pp

8003200039 Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations Concludes that all Category A requirements have been met satisfactorily  
IPFQLITO, T A Operating Reactors Branch 3 80/02/26 19pp

8003100207 Forwards application for amend to DL DPR-44, NEDO-24237, NEDO-24231 & errata & Addenda Sheets 4 & 5 to NEDO-24081 Fee encl  
BRADLEY, E J Philadelphia Electric Co 80/03/03 1p

--8003100211 Application to amend DL DPR-44 to permit prepressurized retrofit BxB fuel design Includes changes to identify Cycle 5 operating limits for all fuel types & modify average power range monitor & rod-block monitor setpoint equations  
BAUER, E G, BRADLEY, E J Philadelphia Electric Co 80/03/03 53pp

--8003100215 "Proposed Alternate Absorber Control Blade Test Program," Revision 1, Class 1  
BRUGGE, R O General Electric Co, Nuclear Energy Products Div NEDO-24231 80/01/31 23pp

--8003100219 Errata & Addenda Sheet 4, revising Pages 4-10, 4-11 & 4-12  
\* General Electric Co NEDO-24081 79/12/31 4pp

--8003100224 Errata & Addenda Sheet 5, revising Pages 4-11 & 4-12  
\* General Electric Co NEDO-24081 80/01/31 3pp

--8003100227 "Supplemental Reload Licensing Submittal for Reload 4"  
HENRIKSON, P H, FOGLE, R E General Electric Co NEDO-24237 80/02/29 45pp

8003110327 Responds to NRC 800102 ltr re containment purging & venting during normal plant operation Design features not provided to ensure purge & vent valve closure not prevented by debris Review ongoing of leak rate testing & design  
DALTROFF, S L Philadelphia Electric Co 80/03/03 3pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003110549 Forwards comments on NRC draft "Criteria for Util Mgt & Technical Competence" Recommends meetings w/representative industry groups to adapt criteria to various mgt schemes w/minimal disruption  
DALTROFF, S L Philadelphia Electric Co 80/03/05 5pp

8003280631 Notification of 800312 meeting w/util in Bethesda, MD to discuss environ qualification of transmitter/trip analog units  
CLARK, R J Operating Reactors Branch 3 80/03/12 1p

8003290576 Responds to NRC 800223 ltr re primary coolant sys pressure valves Describes valve configuration within Group I boundary of high pressure piping No Event 3 isolation valve configuration exists  
DALTROFF, S L Philadelphia Electric Co 80/03/19 5pp

8003250490 Forwards amend to 771222 application for amend of DL Amend revises application to provide second level of undervoltage protection w/time delay for safety-related loads, to reflect discussions w/NRC  
BRADLEY, E J Philadelphia Electric Co 80/03/21 1P

--8003250548 Amend to 771222 application for amend of DL Amend revises application to provide second level of undervoltage protection w/time delay for safety-related loads, to reflect discussions w/NRC W/Certificate of Svc & affidavit  
BAUER, E G, BRADLEY, E J, DALTROFF, S L Philadelphia Electric Co 80/03/21 11pp

## G Inspection reports, IE Bulletins & correspondence

8003060685 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by IIRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003040165 Updates 790921 response to IE Bulletin 79-18, "Audibility Problem Encounter on Evacuation of Personnel From High Noise Areas" All necessary repairs & mods are complete except rotating beacon installation in condensate pump room  
DALTROFF, S L Philadelphia Electric Co 80/01/18 1p

8003040374 Responds to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply" Hard-seat using check valves replaced w/soft-seat, spring-loaded valves to assure minimal leakage  
DALTROFF, S L Philadelphia Electric Co 80/01/18 3pp

8003120736 Updates response to IE Bulletin 79-01 re environ qualification of Class IE electrical equipment Responses re qualification review program will be submitted in accordance w/schedule outlined in IE Bulletin 79-01B  
DALTROFF, S L Philadelphia Electric Co 80/01/30 2pp



## DOCKETED ITEMS

8003130072 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment" Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

8003140030 Notifies of outage start postponement from 800301 to 21 re IE Bulletin 79-24 due to changes in containment suppression chamber mods & delay in procurement of required mats. Will not have adverse effect on public safety  
DALTROFF, S L Philadelphia Electric Co 80/02/01 2pp

8003050019 Forwards NRC rept, "Evaluation of Licensee Responses to IE Bulletin 79-08" Appropriate actions taken to meet requirements of each action item identified in bulletin  
IPOLITO, T A Operating Reactors Branch 3 80/02/14 24pp

8003140057 Grants extension until 800321 for cold shutdown to complete IE Bulletin 79-14 work re inaccessible piping. All insps, evaluation & necessary mods must be completed prior to subsequent startup  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/21 2pp

8003140118 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120544 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003140389 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

8003180292 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180052 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190279 Forwards IE Info Notice 80-08 "Status Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260340 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260446 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260154 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003280345 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260054 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003110555 Forwards "Thermal & Biological Monitoring Programs, Monthly Rept for Nov 1979"  
WILLSEY, W R Philadelphia Electric Co 80/02/25 1p

--8003110558 "Thermal & Biological Monitoring Programs, Monthly Rept for Nov 1979"  
\* Philadelphia Electric Co 79/11/30 10pp

8003040559 Forwards "Semiannual Effluent Releases Rept B, Jul-Dec 1979"  
ALDEN, W M Philadelphia Electric Co 80/02/27 1p

--8003040565 "Semiannual Effluent Releases Rept B, Jul-Dec 1979"  
ULLRICH, W T Philadelphia Electric Co 80/02/27 9pp

8003070349 Forwards revised pages to monthly operating rept for Jan 1980  
COONEY, M J Philadelphia Electric Co 80/02/29 1p

--8003070350 Revised pages to monthly operating rept for Jan 1980  
ALDEN, W M Philadelphia Electric Co 80/01/31 2pp

8003180407 Forwards monthly operating repts for Feb 1980  
COONEY, M J Philadelphia Electric Co 80/03/10 1p

--8003180409 Monthly operating repts for Feb 1980  
ALDEN, W M Philadelphia Electric Co 80/03/10 9pp

S Reportable occurrences, LERs & related correspondence

8003170068 RD 2-80-1/1P on 800103, drywell ventilation isolation valve was allowed to fully open at time when valve should have been limited to angle of 37 degrees. Caused by improper control info tags placed on air supply regulators  
ULLRICH, W T Philadelphia Electric Co 80/01/03 2pp

8003060498 RD 2-80-3/1P on 800119, Units 2 & 3 of offgas radiation monitoring sys were determined out-of-svc due to low radiation monitor readings. Caused by plugging of gas metering flow control valve at Unit 3 & by operator error  
ULLRICH, W T Philadelphia Electric Co 80/01/21 2pp

8003030463 LER 80-005/03L-O on 800126, while at power operation, surveillance testing of diesel driven fire pump revealed flow less than Tech Specs. Caused by slippage of throttle cable governor, resulting in setpoint drift  
COONEY, M J Philadelphia Electric Co 80/02/25 1p

8003190547 Responds to NRC 791213 ltr re seven losses of offsite power events. One event caused by line which supplies auxiliary power tripping when line relay panel was bumped by station personnel. Second event caused by transformer trip  
DALTROFF, S L Philadelphia Electric Co 80/03/10 9pp

8003180586 Forwards revised LER 80-001/01X-01  
COONEY, M J Philadelphia Electric Co 80/03/13 3pp

--8003180573 Revised LER 80-001/01X-1 on 791231, during reactor operation, two drywell ventilation isolation valves were discovered fully open. Caused by lack of procedural control maintaining valves less than 37 degrees. Valves were reset  
COONEY, M J Philadelphia Electric Co 80/03/12 1p

8003310368 LER 80-007/03L-O on 800306, while performing routine surveillance test, pressure switch PS 2-2-134C setpoint found less than 1% outside of Tech Spec limit. Caused by setpoint drift. Switch recalibrated  
COONEY, M J Philadelphia Electric Co 80/03/26 1p

T Hearing transcripts on non-antitrust matters

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225  
ROBENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/26 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437  
ROBENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/27 211pp

# DOCKETED ITEMS

87

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-529  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERO, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/28 9pp

## DOCKET 50-278 PEACH BOTTOM ATOMIC POWER STATION, UNIT 3 F Security, medical, emergency & fire protection plans

8003240230 Accepts 800128 request for extension to portion of security plan implementation schedule Acceptance contingent upon 800228 telcon re mods to vital area alarm annunciation sys Requests mods within 10 days Plan withheld (ref 10CFR2 790)  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

8003170414 Forwards revised cover, title page & Page 6-1 to physical security plan Encls withheld (ref 10CFR2 790)  
BRADLEY, E J Philadelphia Electric Co 80/03/14 3pp

## G Adjudicatory correspondence

8003070316 Notifies that C Kepford will represent intervenors in Facility proceedings No witnesses presented in Radon-222 proceedings On 800220 intervenors will advise ASLAP on intentions to request subpoena for TWA pilot Svc list encl  
KEPFORD, C Affiliation Unknown 80/02/15 3pp

8003070312 Advises of 800219 telcon w/licenses & intervenors Agreement reached on direct testimony & cross-examination re radon release issue Submits order of presentation for ASLAP approval  
BORDENICK, B M Hearing Branch 4 80/02/20 2pp

8003040462 Notifies that NRC witness RM Wilde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining Revised testimony encl  
BORDENICK, B M Hearing Branch 4 80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from worked-out U mines  
WILDER, R M Division of Fuel Cycle & Material Safety 80/02/22 17pp

8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per agreement re radon issue Responses may be filed on 800627 Parties may address ALAB-362  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07, 2pp

8003170045 Forwards NUREG/CR-0627, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0628, PNL-2889 revision re prediction of net radon emission from model open pit U mine W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cs-137, per CR Kepford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4 80/03/18 1p

## I Financial information

8003120567 Requests extension for annual filing of certified financial statements & cash flow projections until 800415  
BRADLEY, E J Philadelphia Electric Co 80/03/05, 2pp

## P. Operating license stage documents & correspondence

8003120726 Discusses completion date for installing new hangers for Unit 3 Task expected to be completed by 800105  
COONEY, M J Philadelphia Electric Co 79/12/14 2pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch, 79/11/30 106pp

8003120746 Submits info re recent support mods to three level sensing lines on Unit 3 reactor Discusses status of comparable lines on Unit 2 Two Unit 3 lines within operability criteria for seismic loading stresses & FSAR stress criteria  
COONEY, M J Philadelphia Electric Co 80/02/07 2pp

8003200059 Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations Concludes that all Category A requirements have been met satisfactorily  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 19pp

8003110327 Responds to NRC 800102 ltr re containment purging & venting during normal plant operation Design Features not provided to ensure purge & vent valve closure not prevented by debris Review ongoing of leak rate testing & design  
DALTROFF, S L Philadelphia Electric Co 80/03/03 3pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LIGGIARD, R Operating Reactors Branch 1 80/03/03 16pp

8003110549 Forwards comments on NRC draft "Criteria for Util Mgt & Technical Competence" Recommends meetings w/representative industry groups to adapt criteria to various mgt schemes w/minimal disruption  
DALTROFF, S L Philadelphia Electric Co 80/03/05 5pp

8003110608 Forwards "Rept of Startup Following Third Refueling Outage, Sept 1979"  
ALDEN, W M Philadelphia Electric Co 80/03/05 1p

--8003110609 "Rept of Startup Following Third Refueling Outage, Sept 1979"  
\* Philadelphia Electric Co 80/03/05 6pp

8003280631 Notification of 800312 meeting w/util in Bethesda, MD to discuss environ qualification of transmitter/trip analog units  
CLARK, R J Operating Reactors Branch 3 80/03/12 1p

8003250576 Responds to NRC 800223 ltr re primary coolant sys pressure valves Describes valve configuration within Group I boundary of high pressure piping No Event 9 isolation valve configuration exists  
DALTROFF, S L Philadelphia Electric Co 80/03/19 5pp

8003250490 Forwards amend to 771222 application for amend of OL Amend revises application to provide second level of undervoltage protection w/time delay for safety-related loads, to reflect discussions w/NRC  
BRADLEY, E J Philadelphia Electric Co 80/03/21 1P.

--8003250548 Amend to 771222 application for amend of OL Amend revises application to provide second level of undervoltage protection w/time delay for safety-related loads, to reflect discussions w/NRC w/Certificate of Svc & Affidavit.  
BAUER, E G, BRADLEY, E J, DALTROFF, S L Philadelphia Electric Co 80/03/21 11pp

## G Inspection reports, IE Bulletins & correspondence

8003060685 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003040165 Updates 790921 response to IE Bulletin 79-18, "Audibility Problem Encounter on Evacuation of Personnel From High Noise Areas" All necessary repairs & mods are complete except rotating beacon installation in condensate pump room  
DALTROFF, S L Philadelphia Electric Co 80/01/18 1p

8003040374 Responds to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply" Hard-seat swing check valves replaced w/soft-seat, spring-loaded valves to assure minimal leakage  
DALTROFF, S L Philadelphia Electric Co 80/01/18 3pp

8003120736 Updates response to IE Bulletin 79-01 re environ qualification of Class IE electrical equipment Responses re qualification review program will be submitted in accordance w/schedule outlined in IE Bulletin 79-018  
DALTROFF, S L Philadelphia Electric Co 80/01/30 2pp

## DOCKETED ITEMS

8003130072 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 77-018, "Environ Qualifications of Class 1E Equipment" Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

8003140030 Notices of outage start postponement from 800301 to 21 re IE Bulletin 79-24 due to changes in containment suppression chamber mods & delay in procurement of required mats Will not have adverse effect on public safety  
DALTROFF, S L Philadelphia Electric Co 80/02/01 2pp

8003050019 Forwards NRC rept, "Evaluation of Licensee Responses to IE Bulletin 79-08" Appropriate actions taken to meet requirements of each action item identified in bulletin  
IPPOLITO, T A Operating Reactors Branch 3 80/02/14 24pp

8003140118 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120544 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003140389 Forwards supplemental info to IE Bulletin 79-018, "Environ Qualification of Class 1E Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

8003180292 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180052 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190275 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260340 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260444 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260154 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250345 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260054 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003110555 Forwards "Thermal & Biological Monitoring Programs, Monthly Rept for Nov 1979"  
WILLSEY, W R Philadelphia Electric Co 80/02/25 1p

8003040559 Forwards "Semiannual Effluent Releases Rept B, Jul-Dec 1979"  
ALDEN, W M Philadelphia Electric Co 80/02/27 1p

--8003040565 "Semiannual Effluent Releases Rept B, Jul-Dec 1979"  
ULLRICH, W T Philadelphia Electric Co 80/02/27 9pp

8003180407 Forwards monthly operating repts for Feb 1980  
COONEY, M J Philadelphia Electric Co 80/03/10 1p

---8003180409 Monthly operating repts for Feb 1980  
ALDEN, W M Philadelphia Electric Co 80/03/10 9pp

8003110558 "Thermal & Biological Monitoring Programs, Monthly Rept for Nov 1979"  
\* Philadelphia Electric Co 79/11/30 10pp

S Reportable occurrences, LERs & related correspondence

8003170069 RO 2-80-1/1P on 800103, drywell ventilation isolation valve was allowed to fully open at time when valve should have been limited to angle of 37 degrees Caused by improper control info tags placed on air supply regulators  
ULLRICH, W T Philadelphia Electric Co 80/01/03 2pp

8003060498 RO 2-80-3/1P on 800119, Units 2 & 3 of offgas radiation monitoring sys were determined out-of-svc due to low radiation monitor readings Caused by plugging of gas metering flow control valve at Unit 3 & by operator error  
ULLRICH, W T Philadelphia Electric Co 80/01/21 2pp

8003190172 PND-1-80-029 on 800215, unplanned release of radioactive gas occurred Release took place while personnel were returned hydrogen analyzer in off gas recombiner sys to svc Two persons received exposure over 100 millirem  
COWGILL, C, KEIMIG, R, BRUNNER, E Region 1, Philadelphia, Office of the Director 80/02/15 2pp

8003120504 LER 80-005/03L-0 on 800207, during surveillance test, setpoint of DPIS 3-13-B4, reactor core isolation cooling turbine steam supply high flow sensor found to be 10 inches of water greater than Tech Spec Caused by setpoint drift  
COONEY, M J Philadelphia Electric Co 80/03/04 1p

8003120526 RO on 800305, during automatic switching of emergency power sources, emergency 480 volts power source did not recover Cause under investigation Breaker E-334 manually closed  
ULLRICH, W T Philadelphia Electric Co 80/03/05 2pp

8003180555 Forwards LER 80-004/03L-0  
COONEY, M J Philadelphia Electric Co 80/03/06 3pp

---8003180567 LER 80-004/03L-0 on 800205 during plant startup, reactor water conductivity increased & exceeded Tech Spec limits Caused by resin injection Reactor was shut down & primary coolant chemistry brought within Tech Spec limits  
COONEY, M J Philadelphia Electric Co 80/03/06 1p

8003180573 Forwards LER 80-007/01T-0  
COONEY, M J Philadelphia Electric Co 80/03/06 3pp

---8003180582 LER 80-007/01T-0 on 800221, during routine plant equipment insp, seismically qualified backup nitrogen bottle supplies to five containment ventilation valves found out of svc Caused by lack of operator info & equipment identification  
COONEY, M J Philadelphia Electric Co 80/03/06 1p

8003190547 Responds to NRC 771213 ltr re seven losses of offsite power events One event caused by line which supplies auxiliary power tripping when line relay panel was bumped by station personnel Second event caused by transformer trip  
DALTROFF, S L Philadelphia Electric Co 80/03/10 9pp

8003240463 LER 80-006/03L-0 on 800213, while at power, reactor core isolation cooling automatic control from control room found inoperable Caused by logic circuit board failure in pump discharge flow controller Defective controller replaced  
COONEY, M J Philadelphia Electric Co 80/03/12 1p

8003280429 Forwards LER 80-008/01T-0  
COONEY, M J Philadelphia Electric Co 80/03/18 2pp

---8003280435 LER 80-008/01T-0 on 800305, while at power, E334 load ctr was shed automatically due to loss of site startup source, but failed to recover automatically Caused by Agastat time delay relay, Model 17012PC, not picking up on restoration  
COONEY, M J Philadelphia Electric Co 80/03/19 1p

# DOCKETED ITEMS

89

## T Hearing transcripts on non-antitrust matters

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/26 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/27 21pp

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-529  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/28 91pp

## DOCKET 50-280 SURRY POWER STATION, UNIT 1

### F Security, medical, emergency & fire protection plans

8003310162 Notification of 800325-27 meeting w/FEMA, util, & state & county officials in Williamsburg, Va to discuss emergency planning  
NEIGHBORS, D Operating Reactors Branch 1 80/03/12 3pp

8003170481 Forwards facility fire protection mods status summary Provides specific info re status of project w/target due dates of 800229 Util will continue to inform NRC of progress in implementing mod requirements  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 2pp

### G Adjudicatory correspondence

8003040450 Notifies of completion of show cause mods on 800213  
SPENCER, W C Virginia Electric & Power Co 80/02/26 1p

8003200060 Transcript of 800229 Affirmation Session 80-8 in Washington, DC Pp 1-6  
\* Commission 80/02/29 5pp

--8003200075 Recommends that Commission approve encl draft order directing NRC to issue EIS re proposed repair of Unit 1 steam generator  
MALBACH, M G Office of the General Counsel SECY-80-077 80/02/11 6pp

8003070023 Memorandum & order re three director's decisions under 10CFR2.206 re steam generator repair petitions Directs NRC to immediately prepare & issue EIS due to complexity of scientific community views Ahearne & Hendrix dissent  
CHILK, S J Office of the Secretary of the Commission 80/03/04 4pp

8003280140 Notifies that J Allen 800228 ltr is forwarded to PDR & all parties in proceeding  
GIBBON, T R Commission 80/03/13 1p

--8003280164 Discusses Westinghouse steam generator corrosion problems & Westinghouse turbine disc cracks at facilities Forwards NRC 800121 ltr re insp port installation at North Anna Units 1 & 2 & Environ Coalition 800107 news release  
ALLEN, J North Anna Environmental Coalition 80/02/28 1p

--8003280167 Requests util install insp ports on steam generators at North Anna Unit 2 prior to commercial operation start  
ROSS, D F Division of Project Management 80/01/21 3pp

### F Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060436 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECOS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003130646 Notification of 800208 meeting w/util in Bethesda, MD to discuss containment spray mods  
NEIGHBORS, D Operating Reactors Branch 1 80/02/04 2pp

8003170075 Ack receipt of 791109 ltr re auxiliary feedwater sys Forwards requests for addl info concerning redundant low level alarm, electrical diagrams & control of turbine from control room Requests response within 30 days  
SCHWENCER, A Operating Reactors Branch 1 80/02/08 5pp

8003130699 Advises of adequacy of repair program, nondestructive insps, & leakage testing performed to ensure maintaining integrity of feedwater piping until recommendations of owners group & NRC study group have been evaluated Safety analysis encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 6pp

8003130034 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003110723 Notifies that on 800219, plant removed from svc in order to perform mods on supports of two piping sys within containment Turbine insp scheduled for May 1980 has started & should be completed by 800310  
FERGUSON, J H Virginia Electric & Power Co 80/02/26 1p

8003100233 Summary of 800208 meeting w/util re mod to containment spray sys  
NEIGHBORS, D Operating Reactors Branch 1 80/02/27 3pp

8003050203 Forwards "Steam Generator Repair Program for Unit 2 Final Rept (Progress Rept 6) for Period 790203-1231" Rept describes occupational exposure expended dose reduction techniques employed & waste generated during repair program  
STALLINGS, C M Virginia Electric & Power Co 80/03/03 1p

--8003050207 "Steam Generator Repair Program for Unit 2, Final Rept (Progress Rept 6) for Period 790203-1231"  
\* Virginia Electric & Power Co 79/12/31 44pp

8003310109 Forwards Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

--8003310113 Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively, adding limiting conditions re operation & surveillance requirements for low temp overpressure protection sys  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 13pp

--8003310116 Safety evaluation supporting Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively  
\* Office of Nuclear Reactor Regulation 80/03/04 11pp

--8003310120 Notice of issuance & availability of Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

8003310203 Forwards Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

--8003310208 Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively, specifying new pressure-temp limits for heatup & cooldown operations  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 14pp

--8003310210 Safety evaluation supporting Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively  
\* Office of Nuclear Reactor Regulation 80/03/04 3pp

--8003310214 Notice of issuance & availability of Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively  
SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

8003310107 Notification of 800318 meeting w/util to discuss implementation of Lessons Learned Task Force short-term requirements Agenda encl  
NEIGHBORS, D Operating Reactors Branch 1 80/03/12 4pp

8003180297 Submits primary coolant sys pressure isolation valve info re in-series check valves isolating high pressure primary coolant from low pressure injection sys piping Method of analyzing parallel check valves outlined  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 4pp

## DOCKETED ITEMS

8003210524 Informs NRC of dispute w/util re issue of qualification testing of employees w/o any prior formal training Requests that NRC investigate matter & provide interpretation of regulations re training & qualification testing  
GARCIA, J F Affiliation Unknown 80/03/18 1p

8003270136 Forwards DES for proposed steam generator repair & notice of availability filed w/Ofc of FR for publication  
BALLARD, R L Environmental Projects Branch 1 80/03/18 2pp

--8003270137 Notice of availability of DES re proposed steam generator repair  
BALLARD, R L Environmental Projects Branch 1 80/03/14 2pp

--8003270146 Forwards DES re proposed steam generator repair for review & comments Comments due within 45 days after publication in FR  
BALLARD, R L Environmental Projects Branch 1 80/03/18 6pp

--8003270152 DES re proposed steam generator repair NRC 800304 memorandum & order directing preparation of EIS encl  
\* Office of Nuclear Reactor Regulation NUREG-0663 80/03/31 32pp

8003250351 Forwards containment spray mode drawdown test description in response to NRC 800208 request Test will provide assurance that caustic addition can be maintained in order to achieve required iodine removal  
STALLINGS, C M Virginia Electric & Power Co 80/03/20 11pp

8003260416 Responds to 800200 ltr requesting info on plant auxiliary feedwater sys to supplement 791109 response  
STALLINGS, C M Virginia Electric & Power Co 80/03/21 9pp

G Inspection reports, IE Bulletins & correspondence

8003110183 Forwards IE Insp Repts 50-280/79-66 & 50-281/79-86 on 791203-07 No noncompliance noted  
BUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 79/12/31 2pp

--8003110194 IE Insp Repts 50-280/79-66 & 50-281/79-86 on 791203-07 No noncompliance noted Major areas inspected radiological environ monitoring program, including mgt control, QC of analytical measurements & insp of monitoring station  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch MACARTHUR, T C Region 2, Atlanta, Office of the Director 79/12/27 3pp

8003070091 Responds to Item 5 of IE Bulletin 79-02, Revision 2 re piping supports in seismic Category 1 sys Insp of accessible & inaccessible areas complete List of 18 supports attached to masonry walls & types of anchors & supports encl  
SPENCER, W C Virginia Electric & Power Co 80/01/29 2pp

8003240499 Provides supplemental response to IE Bulletin 79-02, Revision 2 re piping supports in seismic Category 1 sys attached to masonry walls w/expansion anchor bolts Mods being designed to remove supports & will be installed by end of Feb 1980  
SPENCER, W C Virginia Electric & Power Co 80/01/30 2pp

8003170066 Forwards IE Info Notice 80-03, "Main Turbine Electromechanical Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120048 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180089 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/03 2pp

8003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003140436 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003190840 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-280/79-67 & 50-281/79-89  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/26 1p

--8003190844 Forwards IE Insp Repts 50-280/79-67 & 50-281/79-89 on 791101-1204 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/22 2pp

--8003190846 Notice of violation from insp on 791101-1204  
\* Region 2, Atlanta, Office of the Director 80/01/21 1p

--8003190852 IE Insp Repts 50-280/79-67 & 50-281/79-89 on 791101-1204 Noncompliance noted failure to follow corrective maint procedures  
BURKE, D J, KELLOGG, P J Region 2, Atlanta, Office of the Director 80/01/21 5pp

8003140058 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003060569 Updates response to IE Bulletin 79-18, "Audibility" Problem Encountered on Evacuation of Personnel from High Noise Areas" Corrective actions for evacuation announcement sys will not be completed until Jul 1980  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 1p

8003180195 Forwards supplemental info to IE Bulletin 79-01B, "Environmental Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180162 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003110560 Submits interim response to IE Bulletin 79-2/, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation" Insp of North Anna failed to reveal time delay circuitry Surry insp not yet complete  
STALLINGS, C M Virginia Electric & Power Co 80/03/07 4pp

8003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180093 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180324 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003310402 Ack receipt of 800221 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-280/79-64 & 50-281/79-84  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/10 1p

# DOCKETED ITEMS

91

--8003310424 Responds to NRC 800102 ltr violations noted in IE Insp Repts 50-280/79-64 & 50-281/79-84 Licensee not in concurrence w/ infraction Gate provides necessary deterrent Mads accomplished as superior methods discovered  
STALLINGS, C M Virginia Electric & Power Co 80/01/18 2pp

--8003310431 Forwards IE Insp Repts 50-280/79-64 & 50-281/79-84 on 791127-30 & notice of violation  
SOUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/02 2pp

--8003310436 Notice of violation from insp on 791127-30  
\* Region 2, Atlanta, Office of the Director 80/01/02 1p

--8003310445 IE Insp Repts 50-280/79-64 & 50-281/79-84 on 791127-30 Noncompliance noted high radiation area gate lock inadequate to prevent unauthorized access  
GIBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch EWALD, S C Region 2, Atlanta, Office of the Director 80/01/02 5pp

8003260411 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250580 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260200 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

8003210466 Responds to IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys " Requests extension until 800931 to complete analyses of piping sys Two long-term items in bulletin will require analysis beyond 800931  
FERGUSON, J H Virginia Electric & Power Co 80/03/18 2pp

8003210326 Discusses insp program for reactor coolant pump supports to be conducted during steam generator repair outage requested in NRC 800228 ltr insp will result in high occupational exposure & risk to program effectiveness  
STALLINGS, C M Virginia Electric & Power Co 80/03/19 2pp

## R Periodic operating reports & related correspondence

8003110011 Forwards annual environ monitoring repts including annual exposure rept & rept of radioactive effluents, per Tech Spec Section 6, & nonradiological environ monitoring rept, per Tech Spec Section 4  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 90pp

8003040501 Forwards "Radiological Environ Monitoring Annual Rept, 1979 "  
STALLINGS, C M Virginia Electric & Power Co 80/02/29 1p

--8003040507 "Radiological Environ Monitoring Annual Rept, 1979 "  
KOHL, K A, CHANDRASEKARAN Eberline Instrument Corp 80/02/15 36pp

8003180454 Forwards monthly operating repts for Feb 1980  
STALLINGS, C M Virginia Electric & Power Co 80/03/13 1p

--8003180459 Monthly operating repts for Feb 1980  
COSTELLO, O J Virginia Electric & Power Co 80/03/01 44pp

## S Reportable occurrences, LERs & related correspondence

8003170201 PNO-II-80-029 on 800219, Unit 1 shut down because of two pipes calculated to be overstressed inside containment in event of earthquake Failure of overstressed pipes would constitute loss of containment integrity  
DONAT, T J, MARTIN, R D, WEBSTER, E H Region 2, Atlanta, Office of the Director 80/02/20 1p

8003030450 Forwards updated LER 80-007/03X-1  
STALLINGS, C M Virginia Electric & Power Co 80/02/26 1p

--8003030455 Updated LER 80-007/03X-1 on 800116, routine surveillance during normal operation revealed failure of heat tracing circuit 4 on line 1-CH-56-152 boric acid supply to blender Caused by water penetration of heat tracing tape  
STEWART, W L Virginia Electric & Power Co 80/02/25 2pp

8003030548 Forwards LER 80-011/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/26 1p

--8003030554 LER 80-011/03L-0 on 800128, during normal operations, heat tracing strip heater on 1-CH-P-2A circuit 25A (Panel 9) failed Caused by penetration of water leakage from pump flange Strip heater replaced & leak repair requested  
STEWART, W L Virginia Electric & Power Co 80/02/25 2pp

8003040636 Forwards LER 80-012/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 1p

--8003040644 LER 80-012/03L-0 on 800202, while performing PT-27D, amperage readings for circuit 25A, panels 1 & 2, were below acceptance criteria Repairs to tape not completed within 2-h limit Unit rampdown initiated Caused by water penetration  
STEWART, W L Virginia Electric & Power Co 80/02/29 2pp

8003040640 Forwards LER 80-018/01T-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 1p

--8003040650 LER 80-018/01T-0 on 800219, pipe stress reanalysis on IE Bulletin 79-14 lines revealed overstressed condition on piping penetrations would exist during DBE Addl constraints designed & will be installed  
STEWART, W L Virginia Electric & Power Co 80/03/03 2pp

8003060588 Forwards LER 80-013/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/03 1p

--8003060595 LER 80-013/03L-0 on 800206, during accumulator tank recirculation to obtain samples, valve HCV-1852A to tank 1-SI-TK-1A delayed closing 30-s to 50-s after operating control Caused by moisture in air lines Valve cycled  
STEWART, W L Virginia Electric & Power Co 80/03/05 2pp

8003170347 Forwards LERs 80-015/03L-0, 80-016/03L-0 & 80-017/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 1p

--8003170353 LER 80-015/03L-0 on 800218, during performance of PT-26 f, w/ unit at 100% power, radiation alarm setpoint for component cooling sys was greater than twice background as listed in Tech Spec Caused by instrument drift RM-CC-106 recalibr  
STEWART, W L Virginia Electric & Power Co 80/03/14 2pp

--8003170357 LER 80-016/03L-0 on 800218, w/unit at 100% power, liquid waste tank 1-LW-TK-11B inadvertently released w/o being sampled Caused by incorrect discharge valve being opened Release terminated & tank sampled  
STEWART, W L Virginia Electric & Power Co 80/03/14 2pp

--8003170363 LER 80-017/03L-0 on 800218, at 100% power, vacuum pump for process monitors RM-GW-101 & RM-GW-102 found tagged out of svc leading to release of unmonitored gases Caused by failure to perform procedure before taking pump out of svc  
STEWART, W L Virginia Electric & Power Co 80/03/14 2pp

8003270310 Forwards LER 80-020/01T-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/24 1p

--8003270315 LER 80-020/01T-0 on 800310, during review of heat tracing circuit monthly check, discovered circuits 24A, B & C for unit boric acid filter sys tagged out of svc since 800211 Caused by personnel error No immediate actions necessary  
STEWART, W L Virginia Electric & Power Co 80/03/24 2pp

## DOCKET 50-281 SURRY POWER STATION, UNIT 2

### F Security, medical, emergency & fire protection plans

8003310162 Notification of 800325-27 meeting w/FEMA, util, & state & county officials in Williamsburg, Va to discuss emergency planning  
NEIGHBORS, D Operating Reactors Branch 1 80/03/12 3pp

8003170481 Forwards facility fire protection mods status summary Provides specific info re status of project w/target due dates of 800227 Util will continue to inform NRC of progress in implementing mod requirements  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 2pp

## DOCKETED ITEMS

0 Adjudicatory correspondence

-----

8003200060 Transcript of 800229 Affirmation Session 80-8 in Washington, DC Pp 1-6  
 \* Commission 80/02/29 5pp

--8003200075 Recommends that Commission approve encl draft order directing NRC to issue EIS re proposed repair of Unit 1 steam generator  
 MALESCH, M G Office of the General Counsel SECY-80-077  
 80/02/11 6pp

8003070023 Memorandum & order re three director's decisions under 10CFR2.206 re steam generator repair petitions Directs NRC to immediately prepare & issue EIS due to complexity of scientific community views Ahearne & Hendrie dissented  
 CHILK, S J Office of the Secretary of the Commission 80/03/04 4pp

8003280160 Notifies that J Allen 800228 ltr is forwarded to PDR & all parties in proceeding  
 GIBSON, T R Commission 80/03/13 1p

--8003280164 Discusses Westinghouse steam generator corrosion problems & Westinghouse turbine disc cracks at facilities Forwards NRC 800121 ltr re insp port installation at North Anna Units 1 & 2 & Environ Coalition 800107 news release  
 ALLEN, J North Anna Environmental Coalition 80/02/28 1p

--8003280169 Requests util install insp parts on steam generators at North Anna Unit 2 prior to commercial operation start  
 ROSS, D F Division of Project Management 80/01/21 3pp

P Operating license stage documents & correspondence

-----

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
 EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
 POWERS, D A Core Performance Branch 79/11/30 106pp

8003060636 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
 SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003130646 Notification of 800208 meeting w/util in Bethesda, MD to discuss containment spray mods  
 NEIGHBORS, D Operating Reactors Branch 1 80/02/04 2pp

8003170162 Notification of 800207 meeting w/util in Bethesda, MD to show videotape of facility steam generator repair project  
 NEIGHBORS, D Operating Reactors Branch 1 80/02/04 2pp

8003170075 Ack receipt of 791109 ltr re auxiliary feedwater sys Forwards requests for addl info concerning redundant low level alarm, electrical diagrams & control of turbine from control room Requests response within 30 days  
 SCHWENCER, A Operating Reactors Branch 1 80/02/08 5pp

8003280551 Amends util 800222 request for startup of facility upon completion of mods re 790313 show cause order & IE Bulletin 79-14 Request now includes completion of mods both inside & outside containment  
 SPENCER, W C Virginia Electric & Power Co 80/02/21 1p

8003130699 Advises of adequacy of repair program, nondestructive insps, & leakage testing performed to ensure maintaining integrity of feedwater piping until recommendations of owners group & NRC study group have been evaluated Safety analysis encl  
 SCHWENCER, A Operating Reactors Branch 1 80/02/22 6pp

8003130034 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
 SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003040423 Advises of piping sys reanalysis status, per IE Bulletins 79-02 & 79-14 & NRC 790313 show cause order Pipe stress analysis & resulting mods will be completed prior to facility startup  
 SPENCER, W C Virginia Electric & Power Co 80/02/26 2pp

8003100233 Summary of 800208 meeting w/util re mod to containment spray sys  
 NEIGHBORS, D Operating Reactors Branch 1 80/02/27 3pp

8003050203 Forwards "Steam Generator Repair Program for Unit 2 Final Rept (Progress Rept 6) for Period 790203-1231" Rept describes occupational exposure expended, dose reduction techniques employed & waste generated during repair program  
 STALLINGS, C M Virginia Electric & Power Co 80/03/03 1p

--8003050207 "Steam Generator Repair Program for Unit 2, Final Rept (Progress Rept 6) for Period 790203-1231"  
 \* Virginia Electric & Power Co 79/12/31 44pp

8003310109 Forwards Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively, safety evaluation & notice of issuance & availability  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

--8003310113 Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively, adding limiting conditions re operation & surveillance requirements for low temp overpressure protection sys  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 13pp

--8003310116 Safety evaluation supporting Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively  
 \* Office of Nuclear Reactor Regulation 80/03/04 11pp

--8003310120 Notice of issuance & availability of Amends 56 & 55 to Licenses DPR-32 & DPR-37, respectively  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

8003310203 Forwards Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively, safety evaluation & notice of issuance & availability  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

--8003310208 Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively, specifying new pressure-temp limits for heatup & cooldown operations  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 14pp

--8003310210 Safety evaluation supporting Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively  
 \* Office of Nuclear Reactor Regulation 80/03/04 3pp

--8003310214 Notice of issuance & availability of Amends 57 & 56 to Licenses DPR-32 & DPR-37, respectively  
 SCHWENCER, A Operating Reactors Branch 1 80/03/04 2pp

8003310101 Notification of 800318 meeting w/util to discuss implementation of Lessons Learned Task Force short-term requirements Agenda encl  
 NEIGHBORS, D Operating Reactors Branch 1 80/03/12 4pp

8003180297 Submits primary coolant sys pressure isolation valve info re in-series check valves isolating high pressure primary coolant from low pressure injection sys piping Method of analyzing parallel check valves outlined  
 STALLINGS, C M Virginia Electric & Power Co 80/03/14 4pp

8003210524 Informs NRC of dispute w/util re issue of qualification testing of employees w/o any prior formal training Requests that NRC investigate matter & provide interpretation of regulations re training & qualification testing  
 BARCIA, J F Affiliation Unknown 80/03/18 1p

8003250351 Forwards containment spray mods drawdown test description in response to NRC 800208 request test will provide assurance that caustic addition can be maintained in order to achieve required iodine removal  
 STALLINGS, C M Virginia Electric & Power Co 80/03/20 11pp

8003260416 Responds to 800208 ltr requesting info on plant auxiliary feedwater sys to supplement 791109 response  
 STALLINGS, C M Virginia Electric & Power Co 80/03/21 5pp

0 Inspection reports, IE Bulletins & correspondence

-----

8003110188 Forwards IE Insp Repts 50-280/79-66 & 50-281/79-86 on 791203-07 No noncompliance noted  
 SUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 79/12/31 2pp

# DOCKETED ITEMS

93

--B003110194 IE Insp Repts 50-280/79-66 & 50-281/79-84 on 791203-07 No noncompliance noted Major areas inspected radiological environ monitoring program including mgt control, QC of analytical measurements & insp of monitoring station JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch MACARTHUR, T C Region 2, Atlanta, Office of the Director 79/12/27 3pp

B003210080 Forwards IE Insp Rept 50-281/79-88 on 791212-14 No noncompliance noted MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/07 2pp

--B003210086 IE Insp Rept 50-281/79-88 on 791212-14 No noncompliance noted Major areas inspected pipe support base plate designs using concrete expansion anchor bolts per IE Bulletin 79-02 HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch VALLISH, E J Region 2, Atlanta, Office of the Director 80/01/04 3pp

B003190750 Forwards IE Insp Rept 50-281/80-02 on 800114-17 No noncompliance noted BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--B003190752 IE Insp Rept 50-281/80-02 on 800114-17 No noncompliance noted Major areas inspected const activities & nondestructive examination HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch KLEINSORGE, W P Region 2, Atlanta, Office of the Director 80/01/24 6pp

B003070091 Responds to Item 5 of IE Bulletin 79-02, Revision 2 re piping supports in seismic Category 1 sys Insp of accessible & inaccessible areas complete List of IB supports attached to masonry walls & types of anchors & supports encl SPENCER, W C Virginia Electric & Power Co 80/01/29 2pp

B003240499 Provides supplemental response to IE Bulletin 79-02, Revision 2 re piping supports in seismic Category 1 sys attached to masonry walls w/expansion anchor bolts Mods being designed to remove supports & will be installed by end of Feb 1980 SPENCER, W C Virginia Electric & Power Co 80/01/30 2pp

B003170066 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

B003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

B003120048 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

B003180089 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

B003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003140436 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs " w/errata sheet & request for info related to turbine disc cracks, Reply requested within 20 days EISENHUT, D Q Division of Operating Reactors 80/02/25 3pp

B003190840 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-280/79-67 & 50-281/79-89 LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/26 1p

--B003190844 Forwards IE Insp Repts 50-280/79-67 & 50-281/79-89 on 791101-1204 & notice of violation LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/22 2pp

--B003190846 Notice of violation from insp on 791101-1204 \* Region 2, Atlanta, Office of the Director 80/01/21 1p

--B003190852 IE Insp Repts 50-280/79-67 & 50-281/79-89 on 791101-1204 Noncompliance noted Failure to follow corrective maint procedures BURKE, D J, KELLOGG, P J Region 2, Atlanta, Office of the Director 80/01/21 5pp

B003140058 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

B003180195 Forwards supplemental info to IE Bulletin 79-018, "Environ Qualification of Class IE Equipment " No response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003180162 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

B003110560 Submits interim response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Insp of North Anna failed to reveal time delay circuitry Surry insp not yet complete STALLINGS, C M Virginia Electric & Power Co 80/03/07 4pp

B003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003180093 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003180324 Forwards IE Info Notice 80-08, "Status Co Sliding Link Electrical Terminal Block " No specific action or response requested O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

B003310402 Ack receipt of 800221 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-280/79-64 & 50-281/79-84 STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/10 1p

--B003310424 Responds to NRC 800102 ltr violations noted in IE Insp Repts 50-280/79-64 & 50-281/79-84 Licensee not in concurrence w/ infraction Date provides necessary deterrent Mods accomplished as superior methods discovered STALLINGS, C M Virginia Electric & Power Co 80/01/18 2pp

--B003310431 Forwards IE Insp Repts 50-280/79-64 & 50-281/79-84 on 791127-30 & notice of violation SOUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/02 2pp

--B003310436 Notice of violation from insp on 791127-30 \* Region 2, Atlanta, Office of the Director 80/01/02 1p

--B003310445 IE Insp Repts 50-280/79-64 & 50-281/79-84 on 791127-30 Noncompliance noted high radiation area gate lock inadequate to prevent unauthorized access OIBSDN, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch EWALD, S C Region 2, Atlanta, Office of the Director 80/01/02 5pp

B003260411 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp



## DOCKETED ITEMS

8003250580 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260200 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

8003210326 Discusses insp program for reactor coolant pump supports to be conducted during steam generator repair outage requested in NRC 800228 ltr Insp will result in high occupational exposure & risk to program effectiveness  
STALLINGS, C M Virginia Electric & Power Co 80/03/17 2pp

#### R Periodic operating reports & related correspondence

8003110011 Forwards annual environ monitoring repts, including annual exposure rept & rept of radioactive effluents, per Tech Spec Section 6.4 nonradiological environ monitoring rept, per Tech Spec Section 4  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 90pp

8003040501 Forwards "Radiological Environ Monitoring Annual Rept, 1979"  
STALLINGS, C M Virginia Electric & Power Co 80/02/27 1p

--8003040507 "Radiological Environ Monitoring Annual Rept, 1979"  
KOHLE, K A, CHANDRASEKARAN Eberline Instrument Corp 80/02/15 56pp

8003180454 Forwards monthly operating repts for Feb 1980  
STALLINGS, C M Virginia Electric & Power Co 80/03/13 1p

--8003180459 Monthly operating repts for Feb 1980  
COSTELLO, O J Virginia Electric & Power Co 80/03/01 44pp

#### S Reportable occurrences, LERs & related correspondence

8003280491 Forwards LER 80-001/01T-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/24 1p

--8003280497 LER 80-001/01T-0 on 800310, review of delta flux computer program revealed deficiency in periodic test 28 9, "Incore-Escore III Calibr." Caused by failure to extend calibr of control board delta flux meters to 120% power range  
STEWART, W L Virginia Electric & Power Co 80/03/24 2pp

#### DOCKET 80-282 PRAIRIE ISLAND NUCLEAR STATION, UNIT 1

#### F Security, medical, emergency & fire protection plans

8003280455 Submits comprehensive evaluation on three unit fire detector analyses, separately evaluated by BNL on 800303, 0212 & 791130 NRC should study effects of congestion, ventilation/stratification on detector performance  
BACCIO, J Brookhaven National Laboratory 80/03/20 3pp

#### I Financial information

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060627 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003250401 Forwards request for addl info re containment purge sys & containment venting sys info needed within 30 days  
SCHWENCER, A Operating Reactors Branch 1 80/01/09 3pp

8003280527 Submits update to 791213 ltr re status of investigations into Framotome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003190219 Confirms schedule for 800226 meeting in Minneapolis, MN to discuss regulatory performance of facility  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/16 1p

8003130044 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for C-E or Exxon fueled PHRs Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 3pp

8003140191 Advises that 800131 application re mod of spent fuel storage facility is considered complex issue & requires Class IV fee Requests addl payment  
DIQOS, R M License Fee Management Branch 80/02/29 1p

8003310229 Notification of 800319 meeting w/util in Bethesda, MD to discuss spent fuel pool expansion  
GROTHENHUIS, M Operating Reactors Branch 1 80/03/12 2pp

8003180552 Forwards 800303 ltr rept to MN Pollution Control Agency on results of special chlorination program, in response to NRC 791102 request  
MAYER, L D Northern States Power Co 80/03/13 30pp

8003190554 Supplements 791231 ltr re Lessons Learned Task Force implementation Includes info re emergency power supply, direct position indication of relief & safety valves & instrumentation for inadequate core cooling  
MAYER, L D Northern States Power Co 80/03/13 56pp

8003190645 Forwards Unit 1 Class IV amend fee for mod of spent fuel storage facility  
MAYER, L D Northern States Power Co 80/03/14 2pp

8003190655 Provides info re primary coolant sys pressure isolation valves, in response to NRC 800223 request No plant procedure revision or equipment mod necessary to increase reliability  
Diagram encl  
MAYER, L D Northern States Power Co 80/03/17 4pp

8003210530 Forwards addl info re containment purge & vent sys Describes initiation of containment isolation, instrumentation & control sys & radiation monitors Drawings available in Central Files only  
MAYER, L D Northern States Power Co 80/03/17 9pp

8003250298 Forwards info, in response to NRC 800225 request re turbine disc cracking in Westinghouse 1,800 rpm low pressure turbines Westinghouse proprietary version of response withheld (ref 10CFR2 790)  
MAYER, L D Northern States Power Co 80/03/19 100pp

8003260643 Advises of calculational error in XN-NF-77-40, XN-NF-78-35 & XN-NF-79-4 analyses of steam line breaks for reactors Error did not affect results of calculation re safety-related parameters  
GWSLEY, O F Exxon Nuclear Co, Inc (subs. of Exxon Corp) 80/03/19 1p

# DOCKETED ITEMS

95

## G Inspection reports, IE Bulletins & correspondence

8003140469 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190036 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120187 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003130262 Forwards safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping " SCHWENCER, A Operating Reactors Branch 1 80/02/06 2pp.

--8003130267 Safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping " \* Office of Nuclear Reactor Regulation 80/02/06 2pp

8003140248 Forwards IF Bulletin 80-03, "Loss of Charcoal from Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003200480 Forwards IE Insp Repts 50-282/80-02 & 50-304/80-02 on 800108-10 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/07 2pp

--8003200488 IE Insp Repts 50-282/80-02 & 50-306/80-02 on 800108-10 No noncompliance noted Major areas inspected qualifications, licensee audits, training, radiation protection procedures, advanced planning & preparation for refueling  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch DUBRY, N E Region 3, Chicago, Office of the Director 80/01/30 10pp

8003240586 Forwards IE Insp Repts 50-282/79-32 & 50-306/79-26 on 791219-21 & notice of violation  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/07 2pp

--8003240591 Notice of violation from insp on 791219-21 \* Region 3, Chicago, Office of the Director 80/01/30 1p

--8003240599 IE Insp Repts 50-282/79-32 & 50-306/79-26 on 791219-21 Noncompliance noted neutralizing tank batch release w/pH greater than 8.5  
EBBIO, T H, OESTMANN, M J Region 3, Chicago, Office of the Director 80/01/30 10pp

8003110137 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190468 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003130115 Supplements response to IE Bulletin 79-13 re feedwater piping Examination of feedwater piping to nozzle welds & adjacent pipe & nozzle areas revealed no evidence of cracking  
GILBERTS, D E Northern States Power Co. 80/02/15 2pp

8003140478 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs " w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003120692 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003280295 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-282/79-31 & 50-306/79-25 Addl info required re response to Item 1 Encl questions withheld (ref IOCFR2, 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/28 2pp

8003120387 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140331 Forwards supplemental info to IE Bulletin 79-013, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180248 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260190 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260543 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260313 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003260116 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260261 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003040481 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
MAYER, L O Northern States Power Co 80/02/25 1p

--8003040485 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 " \* Northern States Power Co 79/12/31 9pp

8003040420 Forwards "Annual Rept on Occupational Exposure for 1979 " & "Annual Rept of Changes Tests & Experiments for 1979 "  
MAYER, L O Northern States Power Co 80/02/28 1p

--8003040422 "Annual Rept on Occupational Exposure for 1979 " \* Northern States Power Co 79/12/31 2pp

--8003040426 "Annual Rept of Changes, Tests & Experiments for 1979 " \* Northern States Power Co 79/12/31 13pp

8003170395 Forwards monthly operating repts for Feb 1980  
MAYER, L O Northern States Power Co 80/03/13 1p

--8003170399 Monthly operating repts for Feb 1980  
HUNSTAD, A A Northern States Power Co 80/03/10 8pp

8003310144 Forwards "1979 Annual Radiological Environ Monitoring Rept 1979 "  
WARD, E G Northern States Power Co 80/03/26 1p

--8003310149 "Annual Radiological Environ Monitoring Rept 1979 " \* Northern States Power Co 80/02/12 46pp

## DOCKETED ITEMS

## S Reportable occurrences, LFRs &amp; related correspondence

8003190451 PNS-III-80-003 on 800218, bomb threat was received by switchboard operator Search conducted w/negative results  
CREED, J R , HIND, J A Region 3, Chicago, Office of the Director  
80/02/19 1p

8003030571 Forwards updated LER 79-030/03X-2  
MAYER, L O Northern States Power Co 80/02/26 1p

--8003030580 Updated LER 79-030/03X-2 on 791121, during walkdown insp per IE Bulletins 79-14 & 79-02, two snubbers found incorrectly installed & one hanger found damaged Cause not stated  
Repairs have been made & all devices are operable  
HUNSTAD, A A Northern States Power Co 80/02/26 1p

8003240408 Forwards LER 80-007/03L-0  
MAYER, L O Northern States Power Co 80/03/19 1p

--8003240410 LER 80-007/03L-0 on 800218, during surveillance test, load on diesel generator D1 could not be increased above 1,400 KW  
Caused by trainee operator error Setpoint returned to normal  
& test completed satisfactorily  
HUNSTAD, A A Northern States Power Co 80/03/19 1p

## DOCKET 80-284 IDAHO STATE UNIV RESEARCH REACTOR

## G Inspection reports, IE Bulletins &amp; correspondence

8003110393 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

## DOCKET 80-285 FORT CALHOUN STATION, UNIT 1

## F Security, medical, emergency &amp; fire protection plans

8003180608 Forwards fire protection review for Items 3 1 4, 12, 15, 16, 20, 28, & 3 2 3 & 4 re fuel tank, fire detectors, cable separation & fire water supply  
HALL, R E Brookhaven National Laboratory 80/03/14 8pp

8003280455 Submits comprehensive evaluation on three util fire detector analyses, separately evaluated by BNL on 800303, 0212 & 791130 NRC should study effects of congestion, ventilation/stratification on detector performance  
BACCIO, J Brookhaven National Laboratory 80/03/20 3pp

## G Adjudicatory correspondence

8003180561 Forwards info re 800116 public meeting in Omaha, NE re util application to amend OL to increase power level Petition for rulemaking will be submitted requesting NRC to promulgate various rules guaranteeing citizen input to licensing  
KIRSHEN, A H Metropolitan Area Planning Agency Omaha, NE 80/02/06 7pp

--8003180568 Petition for rulemaking to amend 10CFR2 to allow greater citizen participation in NRC licensing process  
KIRSHEN, A H , LIMA, P H Metropolitan Area Planning Agency Omaha, NE 80/02/06 9pp

## H General correspondence

8003140177 Requests info re util plans for providing ofc space for NRC resident inspectors First inspector will assume duty station by 800630 & second inspector by Oct 1981 FR notice of final rule re resident inspector program encl  
STELLO, V Office of Inspection & Enforcement, Office of the Director 80/02/25 3pp

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003180578 Discusses 800116 public meeting in Omaha, NE re issues raised by util application for amend to OL to increase power level from 1,420 MWT to 1,500 MWT, to switch over to Exxon Fuel rods & to use Exxon analytical techniques Article encl  
KIRSHEN, A H Metropolitan Area Planning Agency Omaha, NE 80/02/06 3pp

8003180176 Forwards "Evaluation of Irradiated Capsule W-225 "   
JONES, W C Omaha Public Power District 80/03/10 1p

--8003180183 "Evaluation of Irradiated Capsule W-225," reactor vessel matls irradiation surveillance program  
BYRNE, S T , KOZLOL, J J , SCHOENBRUNN, A Combustion Engineering, Inc TR-O-MCH-001 79/05/31 122pp

8003210387 Forwards info re adjustment of setpoints for rod shadowing uncertainties info provided in support of application for amend of OL  
JONES, W C Omaha Public Power District 80/03/12 4pp

8003240373 Responds to NRC 800310 ltr re request for addl actions or info concerning implementation of Category A Lessons Learned requirements Procedures for implementing reconnection of pressurizer heaters completed  
JONES, W C Omaha Public Power District 80/03/13 9pp

8003260577 Forwards response to NRC 791017 ltr re loss of offsite power & attendant effects on grid voltage & frequency  
JONES, W C Omaha Public Power District 80/03/20 44pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003110352 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003140165 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/06 1p

8003110203 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003250601 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003140026 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120323 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003140315 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 7pp

8003180103 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/06 1p

8003180009 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190225 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

# DOCKETED ITEMS

97

8003260130 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260587 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCB) Holdup Tanks " Action & written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260354 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250420 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p.

8003260328 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003310288 Advises of error in 800221 response to IE Bulletin 79-27 List of automatic transfers incorrectly listed diesel generator dc power supply & did not include ac power supply to fire protection sys Revised pages attached  
JONES,W C Omaha Public Power District 80/03/17 3pp

## R Periodic operating reports & related correspondence

8003050481 Forwards "Semiannual Rept for Tech Spec Section 5 9 4 & App B,Jul-Dec 1979 "  
JONES,J A Omaha Public Power District 80/02/29 1pp

--8003050483 "Semiannual Rept for Tech Spec Section 5 9 4 & App B,Jul-Dec 1979 "  
STEVENS,B C Omaha Public Power District 80/02/29 210pp

8003180602 Forwards monthly operating rept for Feb 1980  
JONES,W C Omaha Public Power District. 80/03/10 1p

--8003180607 Monthly operating rept for Feb 1980  
HICKLE,B J Omaha Public Power District 80/03/10 8pp

## S Reportable occurrences, LERs & related correspondence

8003050485 Forwards LER 80-005/03L-0  
STEVENS,B C Omaha Public Power District 80/02/25 1p

--8003050486 LER 80-005/03L-0 on 800131,during containment integrated leak rate test,release to atmosphere occurred.Caused by failure of rupture disk Containment pressure monitored for remainder of test  
RICHARD,A W Omaha Public Power District. 80/02/25 4pp

8003050456 Forwards LER 79-014/01T-1  
STEVENS,B C Omaha Public Power District 80/02/29 1p

--8003050460 LER 79-014/01T-1, on 800216,two addl solenoid valves found not environmentally qualified Caused by inadequate solenoid valve specs Solenoids will be replaced prior to startup.  
MEHAFFEY,R F Omaha Public Power District 80/02/27 3pp

800310609 Forwards revised 80-005/03L-1  
STEVENS,B C Omaha Public Power District 80/03/03 1p

--800310607 Revised LER 80-005/03L-1 on 800131,radioactive gas inadvertently released to atmosphere.Caused by failure of rupture disk when containment pressure was stabilized at approx 61.5 psig Release terminated by closing valve.  
RICHARD,A W Toledo Edison Co 80/02/25 4pp

8003240508 Forwards supplemental LERs 79-007/01T-1,79-007/01T-2 & 79-007/01T-3.  
STEVENS,B C Omaha Public Power District 80/03/19 1p.

--8003240514 LER 79-007/01T-1 on 800303,during review required by IE Bulletin 79-01,stem-mounted limit switches on HCV-864 & HCV-865 not found environmentally qualified Caused by inadequate design specs Switches will be replaced  
MEHAFFEY,R F Omaha Public Power District 80/03/19 3pp

--8003240518 LER 79-007/01T-2 on 800305,during review required by IE Bulletin 79-01,limit switches on HCV-742A/C,HCV-724 A & 725A not found environmentally qualified Caused by inadequate design specifications  
MEHAFFEY,R F Omaha Public Power District 80/03/19 3pp

--8003240524 LER 79-007/01T-3 on 800305,during review required by IE Bulletin 79-01,Barksdale pressure switch not found environmentally qualified Caused by switch not being properly specified for intended svc Switch will be upgraded  
MEHAFFEY,R F Omaha Public Power District 80/03/19 3pp

## DOCKET 80-286 INDIAN POINT STATION, UNIT 3

8003060029 Discusses 800208 telcon re routine overflowing of waste holdup tank into waste holdup tank room,exceeding FSAR design values by factor of five  
ORIER,B H Region 1, Philadelphia, Office of the Director 80/02/08 2pp

## F Security, medical, emergency & fire protection plans

8003050387 Responds to 800124 request for addl info re 790314 safeguards contingency plan Response will be provided by 800505  
EARLY,P J Power Authority of the State of New York 80/02/28 1p

8003060543 Forwards revised response to NRC Positions P2 & P3 re fire protection improvements at site Util plans completion of mods to suppression sys & addition of fire barriers by 801031  
EARLY,P J Power Authority of the State of New York 80/02/28 4pp

8003070390 Ack receipt of questions on state & local plans resulting from NRC review of facility emergency plans NRC & FEMA Regional Advisory Committee roles unclear NRC questions will be included in meeting w/state Regional Advisory Committee  
CZECHEL,B New York, State of 80/03/03 1p

## G Adjudicatory correspondence

8003170099 Requests meeting to discuss NRC recommendations re UCS petition concerning facilities  
\* Westchester Peoples Action Coalition,Inc 80/02/13 1p

8003120330 Requests that Citizens' Committee for Protection of Environ 800213 filing be denied docketing,citing violation of NRC regulations  
DAVIS,B J Consolidated Edison Co of New York 80/02/21 2pp

8003210108 Comments on director decision on UCS petition Decision is spurious & irresponsible due to failure to address UCS petition questions Urges Commission to convene formal adjudicatory proceeding before licensing board  
FINK,B New York, State of 80/02/27 2pp

--8003210117 Expresses concern re NRC decision not to close facilities Recommends that ABLB be set up,record be compiled of UCS petition items & that operation of facilities be suspended until commissioners make final decision  
BOWMAN,M S Affiliation Unknown 80/02/23 2pp

--8003210126 Expresses concern re NRC decision against UCS petition re continued operation of facilities Requests that public hearings be held within 50 miles of facility.  
RODRIGUEZ,P Affiliation Unknown 80/02/20 2pp

8003050521 Lists due dates for 30,60,90 & 120-day & 6-month responses to NRC 800211 confirmatory order  
EARLY,P J Power Authority of the State of New York 80/02/28 1p

8003240062 Responds to 800128 ltr re UCS petition under 10CFR2 206 re facility reactors Forwards determination & associated orders NRC denied request for shutdown of Units 2 & 3 W/o encl  
DENTON,H R Office of Nuclear Reactor Regulation 80/02/29 1p

## DOCKETED ITEMS

- 80034004 Requests that NRC suspend operations of facility until safety issues are resolved Provides specific steps NRC should take before facility should be allowed continued operation  
BRODERICK, R F Westchester County, NY 80/01/28 3pp
- 800340074 Statement of R Broderick before NRC workshop on proposed rule requiring NRC concurrence in evacuation & emergency plans  
BRODERICK, R F Westchester County, NY 80/01/28 6pp
- 800313039 Responds to 791207 ltr re UCS petition under 10CFR2 206 NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission w/o encls  
DEMENT, H R Office of Nuclear Reactor Regulation 80/03/03 1p
- 8003170402 Urges NRC to expedite determination re UCS petition to shutdown Units 2 & 3 Backfitting essential safety features & developing realistic evacuation measures should be priority items  
FINN, S New York, State of 79/12/07 2pp
- 8003190103 Responds to 800125 ltr re UCS petition under 10CFR2 206 NRC decision & associated orders encl Shutdown of Units 2 & 3 will not be ordered Determination will be reviewed by Commission w/o encls  
DEMENT, H R Office of Nuclear Reactor Regulation 80/03/03 1p
- 8003190111 Requests NRC to schedule public hearing & determination re UCS petition Request based on widespread concern for health & safety of community  
SCIAMBRA, J New York, State of 80/01/25 1p
- 8003190910 Responds to Village Independent Democrats 791210 ltr re UCS petition Shutdown of Units 2 & 3 will not be ordered Decision has been referred to Commission for review Determination & associated orders encl w/o encls  
DEMENT, H R Office of Nuclear Reactor Regulation 80/03/03 2pp
- 8003170179 Memorandum in response to NRC 800215 request for comments on director's decision under 10CFR2 206 NRC should decline to review 800211 decision No info suggests that director abused discretion in any way  
DAVIS, J P BRANDENBURG, B Consolidated Edison Co of New York 80/03/10 1pp
- 8003270021 Under granting extension until 800331 for Commission to elect whether to review director's 800211 decision denying petition under 10CFR2 206  
CHILDS, J Office of the Secretary of the Commission 80/03/17 1p
- 8003250517 Requests util response to NRC 800227 ltr Also requests other util submittals re director decision on UCS petition & commitments made by NRC to Commission on 800205, including notice of meetings between NRC & util  
WEISS, E R Sheldon, Harmon & Weiss 80/03/18 2pp
- H General correspondence
- 8003060157 Requests adjusting plans to provide off accommodations for NRC resident inspector program personnel by 800607 Program being accelerated as result of actions by President Carter in response to President's Commission on Accident at TMI  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/22 1p
- 8003070030 Ack receipt of 800205 ltr re facility operation Forwards 800211 director's decision responding to UCS 790917 petition w/o encl  
EISENHUT, D G Division of Operating Reactors 80/02/22 1p
- 8003070032 Urges facilities to remain active due to safe performance & need for power  
GROSS, R A Columbia Univ 80/02/05 1p
- 8003250511 Submits suggested distribution list for expediting mail delivery of NRC studies  
PEOPLES, D L Commonwealth Edison Co 80/03/14 3pp
- J Insurance & indemnity information
- 8003030767 Forwards Endorsement 3 to NELJA Policy EB-7 & MAELU Binder AII-7  
DEEG, F H Power Authority of the State of New York 80/02/27 3pp
- P Operating license stage documents & correspondence
- 8003170317 Notifies that R Antunetti currently working on items re Indian Point 2 water supply & diesel generator protection, Indian Point 3 sprinkler sys, Oyster Creek sprinkler sys & cable spreading room & Trojan welding shield  
MACDONOCALL, E A Brookhaven National Laboratory 79/09/20 1p
- 8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp
- 8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp
- 8003060531 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 FCCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p
- 8003250410 Requests review of comments on 791012 ACRS sys interaction study Meeting should be scheduled for early Jan 80 to discuss issue Study should receive high priority  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 2pp
- 8003120275 Accepts revised commitments re ducts or louvers w/o fire dampers provided by licensee on 800122  
LAINAS, G Plant Systems Branch 80/02/04 1p
- 8003190136 Notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Proposed agenda encl  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/14 1pp
- 8003190776 Ack receipt of 800204 preliminary evaluation re potential sys stability impacts in southeastern NY area if plant did not operate 800215-80101 Detailed evaluation not required at this time  
YOUNGBLOOD, B J Cost Benefit Analysis Branch 80/02/14 1p
- 8003190782 Responds to 800131 request re power sys reliability in case of plant shutdown for extended period Preliminary evaluation indicates reserve margins adequate to provide reliable electric svc in state & southeastern NY areas  
WEINER, R C Energy, Dept of 80/02/04 2pp
- 8003190136 Corrected notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Starting time has been changed to 9 30 AM  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/19 1p
- 8003200122 Comments on proposed rule 10CFR50 urges establishment of objective criterion for max permissible time to accomplish evacuation of emergency zone  
WEISS, E R Union of Concerned Scientists 80/02/19 5pp
- 8003200126 "Impact on NY City of Reactor Accidents at Indian Point," statement to NY City Council corrected on 790620 Supporting documentation encl  
BEVER, J Princeton Univ 80/06/11 19pp
- 8003130320 Summary of 800220 meeting w/utis & NRC re accident mitigation features for facilities  
OLSHAN, L Operating Reactors Branch 1 80/02/21 4pp
- 8003130357 Forwards near-site study for facilities in response to NRC 791205 requests for 60-day crash effort  
PEOPLES, D L Commonwealth Edison Co CAHILL, W J Consolidated Edison Co of New York DAVIS, J F Power Authority of the State of New York 80/02/19 1p
- 8003130364 "Indian Point & Zion Near Site Study" \* Commonwealth Edison Co \* Consolidated Edison Co of New York \* Power Authority of the State of New York 80/02/20 73pp
- 8003190396 Forwards NRC evaluation of actions taken by util to satisfy TMI Lessons Learned Category A items Util has satisfied all Category A requirements IF followup items & attendance list for 800123-24 site visit encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 16pp

# DOCKETED ITEMS

99

8003280366 Forwards Amend 29 to License DPR-64, changing Tech Specs to increase operability requirements for auxiliary feedwater pumps, limit control rod misalignment & add license requirement re secondary water chemistry monitoring  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 3pp

--8003280371 Amend 29 to License DPR-64 changing Tech Specs to increase operability requirements for auxiliary feedwater pumps, limit control rod misalignment & add license condition to require secondary water chemistry monitoring program  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 9pp

--8003280377 Safety evaluation supporting Amend 29 to License DPR-64  
\* Office of Nuclear Reactor Regulation 80/02/21 3pp

--8003280379 Notice of issuance of Amend 29 to License DPR-64  
SCHWENCER, A Operating Reactors Branch 1 80/02/21 2pp

8003130026 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003050492 Forwards table listing calculated max values of total core peaking factor for Cycle 3 operation FAC subset analysis Results of analysis are below Tech Spec limit Performance of full 18 case analysis unnecessary  
EARLY, P J Power Authority of the State of New York 80/02/27 3pp

8003170054 Forwards request for addl info required to continue licensing action review Schedule for providing addl info requested within 10 days  
SCHWENCER, A Operating Reactors Branch 1 80/02/27 3pp

8003090447 Submits info requested by NRC 800211 ltr re review of possible permanent plant mods & procedures to reduce potential of reactor accident & resultant radiation releases Mods & procedures adequate  
EARLY, P J Power Authority of the State of New York 80/02/29 2pp

8003130433 Forwards drawings & info re containment isolation sys Describes post-accident containment ventilation sys, purge valves & switch development for individual valve position switches Drawings available in Central Files only  
EARLY, P J Power Authority of the State of New York 80/03/06 3pp

--8003130449 "Schematic Diagram Miscellaneous Solenoid Valves " Sheet 1  
\* Westech \* United Engineers & Constructors, Inc (subs of Raytheon Co ) 79/12/19 1p

8003130418 Submits schedule per NRC 800227 request for addl info on pending licensing actions Proposed Tech Spec changes re fuel handling accident inside containment will be submitted by 800505 & rept on pipe stress by 800411  
EARLY, P J Power Authority of the State of New York 80/03/07 2pp

8003180623 Responds to NRC 800211 confirmatory order re plant safety Provides info re actions taken by util on 30-day items as required by order  
SCHMIEDER, J R Power Authority of the State of New York 80/03/07 6pp

8003180571 Supplements 800307 ltr re 30-day actions contained in Item 7 of 800211 confirmatory order Will revise reactor operator qualification requirements by 800312  
EARLY, P J Power Authority of the State of New York 80/03/11 1p

8003190659 Responds to NRC 800223 request Provides info re isolation valve testing within Class 1 boundary of high pressure piping connecting primary coolant sys piping to RHR sys low pressure piping Check valves tested 800122  
EARLY, P J Power Authority of the State of New York 80/03/13 3pp

8003260387 Forwards response to NRC 800225 ltr requesting info re turbine rotor keyway cracking Proprietary version withheld (ref 10CFR2 790)  
EARLY, P J Power Authority of the State of New York 80/03/19 1p

--8003260394 Forwards application for withholding proprietary info & affidavit Site specific general question responses re turbine rotor cracking encl  
EARLY, P J Power Authority of the State of New York 80/03/19 60pp

8003280230 Forwards application to amend License DPR-64, extending certain completion dates for fire protection items contained in Table 3.1 of safety evaluation issued w/Amend 24 to DL  
EARLY, P J Power Authority of the State of New York 80/03/25 3pp

--8003280234 Application to amend License DPR-24, extending completion dates for fire protection items contained in Table 3.1 of safety evaluation issued w/Amend 24 to DL  
EARLY, P J Power Authority of the State of New York 80/03/25 10pp

## B Inspection reports, IF Bulletins & correspondence

8003060681 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003120728 Responds to IE Bulletin 79-02, Revision 2, Item 5 Field insp program identified two instances involving three supports originally utilizing Hilti Xwik bolts in solid block walls Supports modified to eliminate anchor bolt installations  
EARLY, P J Power Authority of the State of New York 80/01/29 1p

8003130215 Responds to IE Bulletin 79-14 Expedited completion can be made for static span table analyzed piping sys in normally accessible areas Will submit interim & final rept within 30 & 60 days, respectively, from 800129  
EARLY, P J Power Authority of the State of New York 80/01/29 2pp

8003130070 Confirms 800129 teicon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment " Proposed agenda encl  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003140428 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EIBENHUT, D O Division of Operating Reactors 80/02/25 3pp

8003070003 Forwards safety analysis & notifies that evaluation of plant re cracking in feedwater sys complete Nondestructive insp & analyses performed for flawed piping sufficient; pending owner group & NRC Pipe Crack Study Group recommendations  
SCHWENCER, A Operating Reactors Branch 1 80/02/26 3pp

8003140113 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120538 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003140384 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/29, 7pp

8003180289 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180081 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190270 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested.  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260332 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

## DOCKETED ITEMS

8003260442 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260508 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003180515 Responds to IE Bulletin 79-07, "Seismic Stress Analysis of Safety-Related Piping " Reanalysis required by bulletin has been completed & indicates that 238 supports required mod  
Approx 15 of 238 supports remain to be modified  
EARLY, P J Power Authority of the State of New York 80/03/13 2pp

8003260150 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250341 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260051 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

#### R Periodic operating reports & related correspondence

8003050237 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
CAHILL, W J Consolidated Edison Co of New York 80/02/29 1p

--8003050243 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Consolidated Edison Co of New York 79/12/31 43pp

8003050490 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
BAYNE, J P Power Authority of the State of New York 80/02/29 1p

--8003050495 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Power Authority of the State of New York 79/12/31 45pp

8003170444 Forwards data specified in Section 401 certification for Feb 1980, including data re species codes, circulating water temp, gross electrical output, river water discharge, chemical discharges & daily counts from intake screens.  
MONTI, W A Consolidated Edison Co of New York 80/03/10 17pp

8003180470 Forwards "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979 " Sequence data resulting from 800117 earthquake encl  
CAHILL, W J Consolidated Edison Co of New York 80/03/13 2pp

--8003180476 "Quarterly Rept on Seismic Monitoring Network in Vicinity of Indian Point, NY - Con Ed Project WCC/12, Sept-Nov 1979 "  
\* Woodward-Clyde Consultants, Inc 80/01/08 37pp

8003180398 Forwards monthly operating rept for Feb 1980  
BAYNE, J P Power Authority of the State of New York 80/03/14 1p

--8003180401 Monthly operating rept for Feb 1980  
CONNELL, C Power Authority of the State of New York 80/03/03 8pp

8003240529 Forwards monthly rept of daily fish counts for Feb 1980  
CAHILL, W J Consolidated Edison Co of New York 80/03/14 1p

--8003240531 Monthly rept of daily fish count from intake screens for Feb 1980  
\* Consolidated Edison Co of New York 80/03/14 4pp

8003250506 Forwards "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5 "  
CAHILL, W J Consolidated Edison Co of New York 80/03/14, 1p

--8003250510 "Thermal Survey Program, Routine Monthly Thermal Monitoring, Sept 1977 Survey, Rept 5 "  
\* Consolidated Edison Co of New York 80/03/31 100pp

#### S Reportable occurrences, LERs & related correspondence

8003040623 Forwards LER 80-001/03L-0  
BAYNE, J P Power Authority of the State of New York 80/02/28 1p

--8003040631 LER 80-001/03L-0 on 800129, while at hot zero power, small leak at pipe penetration associated w/valve c-107 within containment was observed Cause not stated Existing weld joint removed & joint rewelded  
GUMBLE, F W Power Authority of the State of New York 80/02/28 1p

8003280526 PNO-1-80-035 on 800304-06, four reactor trips occurred focussing on main feed pump 34 control oil problems Restart will not be affected until licensee & NRC concur on resolution of problem Press releases being considered  
MCCABE, E C, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/03/06 2pp

#### DOCKET 80-287 OCONEE NUCLEAR STATION, UNIT 3

#### F Security, medical, emergency & fire protection plans

8003240152 Requests that util verify proper installation of water flow alarms in dry pipe suppression sys VA Moore 800115 memo & 791206 transfer of lead responsibility encl  
LAINAS, O Plant Systems Branch 80/01/24 2pp

8003050442 Forwards "Fire Qualification Test on Silicone Foam Floor Penetration Seals " Describes testing which successfully demonstrated 3-h fire rating for installed cable penetration fire stops  
PARKER, W O Duke Power Co 80/02/26 1p

--8003050445 "Fire Qualification Test on Silicone Foam Floor Penetration Seals "  
PISH, R D, HARTZELL, O E, DEHART, R C Southwest Research Institute 79/07/05 450pp

8003280012 Forwards comments re initial review of 790323 safeguards contingency plan Requests response within 45 days Comments withheld (ref 10CFR2 790)  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 2pp

#### G Adjudicatory correspondence

8003120814 Order modifying 800102 show cause order to require Unit 2 shutdown after Unit 1 reaches full power & Unit 3 shutdown on 800318 Qualified person must be provided in control room to monitor certain valves  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

8003190064 Forwards NRC 800207 & 22 ltrs & order modifying 800102 show cause order re request for notification of decision concerning electric sys reliability impacts associated w/ implementation TMI-2 short-term requirements  
YOUNGBLOOD, B J Division of Site Safety & Environmental Analysis 80/02/26 2pp

--8003190073 Forwards order modifying 800102 show cause order for facilities in response to 800115 request to allow sequential shutdown of plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp

--8003190077 Order modifying 800102 order to show cause why licensee should not implement all Category A lessons learned requirements by 800215 shutdown facilities  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 3pp

8003030563 Forwards answer to Commission 800207 order modifying 800102 order to show cause Up-to-date data re power reliability will be reviewed by early Mar Proposed Unit 3 shutdown date will be submitted after 800315  
PARKER, W O Duke Power Co 80/02/27 1p

--8003030572 Response to 800207 order modifying 800102 order to show cause if power reliability data warrants extension of 800315 shutdown date for Unit 3 & extension is not granted, applicant will request hearing Info will be filed by 800310  
PARKER, W O Duke Power Co 80/02/27 4pp

# DOCKETED ITEMS

101

B003250474 Response to NRC B00207 order modifying NRC B00102 order to show cause re Category A Lessons Learned Task Force short-term requirements Requests hearing re whether measures should be implemented per proposed schedule  
PARKER, W O Duke Power Co 80/02/27 4pp

B003200241 Responds to B00118 ltr re potential impact of simultaneous shutdown of facilities Util submitted sufficient info to justify sequential shutdown  
REID, R W Operating Reactors Branch 4 80/02/27 1p

--B003200247 Discusses NRC order that util must complete certain work at facility or shut down units Expresses concern re impact on power supply if facilities are shut down simultaneously Suggests sequential shutdown for NUREG-0578 implementation  
SHAW, R W Electricities of North Carolina 80/01/18 1p

## H General correspondence

B003190849 Responds to B00122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## J Insurance & indemnity information

B003180356 Forwards Endorsements 56 & 57 to NELIA Policy NF-182, Endorsements 12 & 13 to NELIA Policy NF-248, Endorsement 3 to NELIA Binders ED-22, 23 & 24, Endorsement 42 to MAELU Policy MF-61 & Endorsement 3 to MAELU Binders XB-22, 23 & 24  
SANDERS, F D Duke Power Co 80/03/11 15pp

## P Operating license stage documents & correspondence

7906250091 Forwards memos discussing B McDermott concerns re shutdown of B&W plants  
ROBS, D F Division of Project Management 79/05/17 1p

--7906250112 Discusses B McDermott 790514 memo re safety of B&W plants Disagrees w/B McDermott position favoring shutdown  
HAASB, W P Quality Assurance Branch 79/05/19 2pp

B001030044 Forwards request for addl info re automatic trip circuitry for reactor coolant pump motors Info needed prior to design acceptability Ltr transmitted to util's responsible for Oconee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R W Operating Reactors Branch 4 79/12/18 6pp

B003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by B00109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--B003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POHBER, D A Core Performance Branch 79/11/30 106pp

B003100021 Notification of B00221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analyses-Genetic Rept for Plants w/B&W Reactors"  
CAPRA, R A Standardization Branch 80/02/13 1p

B003060684 Forwards Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--B003060692 Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively, revising Tech Spec re engineering safety features & allowing Unit 1 to operate at full rated power during Cycle 4  
REID, R W Operating Reactors Branch 4 80/02/22 34pp

--B003060699 Safety evaluation supporting Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 8pp

--B003060708 Notice of issuance & availability of Amends B1, B1 & 78 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

B003070057 Forwards Amends B0, B0 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

--B003070061 Amends B0, B0 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively, adding Tech Spec 4.17 re steam generator tubing surveillance  
REID, R W Operating Reactors Branch 4 80/02/22 15pp

--B003070066 Safety evaluation suppl supporting Amends B0, B0 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
\* Office of Nuclear Reactor Regulation 80/02/22 3pp

--B003070073 Notice of issuance & availability of Amends B0, B0 & 77 to Licenses DPR-38, DPR-47 & DPR-55, respectively  
REID, R W Operating Reactors Branch 4 80/02/22 2pp

B003190429 Notification of B00313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p

B003101033 Notification of cancellation of B00313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

B003190133 Informs that Equifax is under contract to study feasibility of performing epidemiologic studies on health effects of exposure to low level ionizing radiation Info will be used in making recommendations to Congress  
REID, R W Operating Reactors Branch 4 NRC-01-79-010 80/02/25 2pp

B003100180 Forwards NRC B00207, 14 & 22 ltrs re energy supply during unit shutdown & order modifying B00102 show cause order, in response to B00201 & 09 request for NRC decision  
YOUNGBLOOD, D J Cost Benefit Analysis Branch 80/02/26 2pp

--B003100192 Forwards order modifying B00102 show cause order for facilities Order extends Unit 3 shutdown to B00315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp

--B003100214 Summarizes DOE review re impact on energy supply in VA, NC & SC during implementation of TMI-2 Lessons Learned Task Force short-term requirements Reliable svc cannot be maintained Requests NRC decision  
WEINER, R E Energy, Dept of 80/02/01 4pp

B003070361 Forwards supplemental info re NUREG-0578 items in response to NRC B00292 request Direct valve position indication equipment inside containment has been seismically & environmentally qualified to withstand accident environ  
PARKER, W O Duke Power Co 80/02/29 4pp

B003200007 Summary of B00111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCARDI, R Operating Reactors Branch 1 80/03/03 16pp

B003190507 Forwards supplemental response to NUREG-0578 re design review of plant shielding & environ qualification of equipment for space sys for use in post-accident operation  
Timely NRC response requested  
PARKER, W O Duke Power Co 80/03/07 6pp

B003170393 Forwards "Cycle 5 Startup Testing Summary, Mar 1980 " No significant deviations observed between measured & predicted data  
PARKER, W O Duke Power Co 80/03/10 1p

--B003170398 "Cycle 5 Startup Testing Summary, Mar 1980 "  
\* Duke Power Co 80/03/10 15pp

B003140383 Forwards response to NRC requests for info re non-nuclear instrumentation/integrated control sys failures Corrective actions should preclude recurrence of event similar to Crystal River No OL mods necessary  
PARKER, W O Duke Power Co 80/03/12 17pp

B003180449 Notifies of withdrawal of B00227 request for hearing re NRC B00227 order Util will shut down Unit 3 by B00315 in accordance w/Category A TMI-2 Lessons Learned Task Force requirements Mild weather will permit shutdown  
PARKER, W O Duke Power Co 80/03/13 2pp

B003180609 Forwards response to NRC B00223 request re LWR primary coolant sys pressure isolation valves No mods to OL necessary  
PARKER, W O Duke Power Co 80/03/13 4pp



## DOCKETED ITEMS

8003200463 Notifies that results of work concerning Questions 6 & 9 on degraded grid voltages will be forwarded by 800530  
PARKER, W D Duke Power Co 80/03/13 1p

8003200449 Forwards corrected response to 800312 ltr. Item 4, re address info available to operator following various NNI/ICS power events  
PARKER, W D Duke Power Co 80/03/17 2pp

8003270398 Requests mod of 800331 commitment date for implementing add'l cooling loop to spent fuel cooling sys. Mod will be achieved as soon as possible. Present sys is adequate until Unit 1 refuels in 1981  
PARKER, W D Duke Power Co 80/03/21 1p

8003270369 Forwards proposed amend to Tech Specs, Section 4.3, for approval by 800430 Class 3 fee & affidavit encl  
PARKER, W D Duke Power Co 80/03/24 2pp

--8003270370 Proposed amend to Tech Specs, Section 4.3 re testing following opening of sys. lowering leak test pressure from current levels to those required by ASME codes  
\* Duke Power Co 80/03/24 1p

8003280467 Submits info re procedures for coping w/ combinations of loss of instrumentation & control functions; design review analysis & correction of electrical deficiencies  
PARKER, W D Duke Power Co 80/03/24 2pp

#### Q Inspection reports, IE Bulletins & correspondence

8003050178 Forwards IE circular 77-01, "Malfunctions of Limstergue Valve Operators"  
MOSELEY, H C Region 2, Atlanta, Office of the Director 77/01/06 3pp

8003050277 Forwards IE Insp Repts 50-269/80-02, 50-270/80-01 & 50-287/80-01 on 800109-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050281 IE Insp Repts 50-269/80-02, 50-270/80-01 & 50-287/80-01 on 800109-11 No noncompliance noted. Major areas inspected: pipe support baseplate designs using concrete expansion anchor bolts & seismic analysis of piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch MOSELEY, H C, ANG, W P Region 2, Atlanta, Office of the Director 80/01/24 3pp

8003200026 Forwards update to info provided on 791029, 1106 & 1207 ltrs in response to IE Bulletin 79-14. Includes summary of seismic input nonconformance throughh 800108. Remaining items will be completed during upcoming refueling outage  
PARKER, W D Duke Power Co 80/01/24 10pp

8003120200 Ack receipt of 791214 & 800114 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/30 1p

--8003120209 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25. Corrective actions: key locks will be installed on all permanent high radiation area doors  
PARKER, W D Duke Power Co 80/01/14 2pp

--8003120214 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25. Corrective actions: health physics personnel are making surveys to check high radiation area doors  
PARKER, W D Duke Power Co 79/12/14 3pp

--8003120217 Forwards IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 79/11/21 2pp

--8003120221 Notice of violation from insp on 791009-12  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p

--8003120226 IE Insp Repts 50-269/79-25, 50-270/79-23 & 50-287/79-25 on 791009-12. Noncompliance noted: failure to keep entrance to high radiation area locked  
O'BRYEN, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch MOSELEY, H C Region 2, Atlanta, Office of the Director 79/11/14 7pp

8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys." No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190095 Forwards IE Circular 77-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003270049 Forwards IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05. No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--8003270053 IE Insp Repts 50-269/79-34, 50-270/79-38 & 50-287/79-40 on 791126-27 & 1204-05. No noncompliance noted. Major areas inspected: HPI mod welding & records review; work observation & inservice insp records  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ECONOMOS, N Region 2, Atlanta, Office of the Director 80/01/11 6pp

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells." Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180036 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003100031 Responds to IE Bulletin 79-17. No indication of leakage through cracks in stagnant boric acid water sys piping observed during visual examination  
PARKER, W D Duke Power Co 80/02/13 1p

8003190988 Ack receipt of IE Insp Repts 50-269/80-02, 50-270/80-01, & 50-287/80-01. No proprietary info  
PARKER, W D Duke Power Co 80/02/15 1p

8003170041 Responds to IE Bulletin 79-17 Item 2(b) re examination of weld samples in stagnant boric acid water sys. No weld cracking was observed. Lists specific welds examined  
PARKER, W D Duke Power Co 80/02/18 1p

8003180133 Discusses cracking in auxiliary feedwater nozzle found during insps re IE Bulletin 79-13. Retaining wires were added to Unit 1 sleeves to assure that sleeve would not move if collar failed. Unit 2 will be modified. Unit 3 is exempt.  
PARKER, W D Duke Power Co 80/02/18 3pp

8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-05C  
CAPRA, R A Standardization Branch 80/02/24 11pp

8003140038 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003240049 Informs NRC that response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation," has not been completely reviewed internally. Response will be transmitted by 800307  
PARKER, W D Duke Power Co 80/02/28 1p

8003180171 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment." No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

# DOCKETED ITEMS

103

8003180123 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003120533 Forwards response to IE Bulletin 79-27 Lists buses supplying power to control sys bringing plant to cold shutdown Re-reviewed IE Circular 79-02 Problems would not occur due to differences in sys design Response being reevaluated  
PARKER, W D Duke Power Co 80/03/07 7pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180070 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270226 Ack receipt of 800220 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 1p

--8003270233 Ack receipt of IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 No proprietary info Corrective actions bolts moved to posted contamination area & 30ND-152 valve closed properly Cleanup procedure initiated  
PARKER, W D Duke Power Co 80/02/20 5pp

--8003270241 Forwards IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 & notice of violation  
BTDHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 2pp

--8003270249 Notice of violation from insp on 791127-30  
\* Region 2, Atlanta, Office of the Director 80/01/28 1p

--8003270259 IE Insp Repts 50-269/79-35, 50-270/79-32 & 50-287/79-35 on 791127-30 Noncompliance noted failure to follow procedures re contamination area & failure to label containers of radioactive matl  
HOSEY, C M Region 2, Atlanta, Office of the Director GIBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/26 7pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260206 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003230561 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## R. Periodic operating reports & related correspondence

8003050433 Forwards "Semiannual Effluent Release Rept, Jul-Dec 1979 "  
PARKER, W D Duke Power Co 80/02/27 1p

--8003050434 "Semiannual Effluent Release Rept, Jul-Dec 1979 "  
\* Duke Power Co 80/02/27 8pp

8003190518 Forwards monthly operating repts for Feb 1980  
PARKER, W D Duke Power Co 80/03/14 1p

--8003190522 Monthly operating repts for Feb 1980  
REAVIS, J A Duke Power Co 80/03/14 16pp

## S Reportable occurrences, LERs & related correspondence

8003170179 PND-11-80-024 on 800213, during hydrostatic testing of Unit 1 RCS following refueling leakage discovered from manway gaskets on steam generator A Investigation revealed improper gaskets installed on Units 1, 2 & 3  
QUICK, D R Region 2, Atlanta, Office of the Director 80/02/13 1p

8003070360 Forwards LER 80-002/03L-0  
PARKER, W D Duke Power Co 80/02/27 2pp

--8003070362 LER 80-002/03L-0 on 800201, during monthly 4160 volt breaker operability test, breaker 382T-5 startup breaker for main feeder bus 2, failed to close caused by faulty resistor in relay Resistor replaced  
LEWIS, S R Duke Power Co 80/02/29 1p

8003240469 Forwards LER 80-001/03L-0  
PARKER, W D Duke Power Co 80/02/29 2pp

--8003240474 LER 80-001/03L-0 on 800201, borated water storage sys level channel 2 failed high when level transmitter 3LT-6 froze Caused by failure of neutral wire in power cable Wire replaced Cable will be replaced  
LEWIS, S R Duke Power Co 80/02/29 1p

8003120425 Forwards LER 80-003/03L-0  
PARKER, W D Duke Power Co 80/03/06 4pp

--8003120433 LER 80-003/03L-0 on 800205, during routine tour, main feeder bus 1 was isolated when smoking bus connection was discovered Apparently caused by differing secondary voltages resulting in transformer 3T carrying excessive load  
LEWIS, S R Duke Power Co 80/03/06 1p

## U Congressional/Executive Correspondence

8003180135 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2 w/o encl  
AHEARNE, J F Commission 80/02/22 2pp

--8003180165 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2  
AHEARNE, J F Commission 80/02/22 18pp

--8003180268 Requests info re notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee, & actuation of pressure injection sys at TMI-2  
HART, G, SIMPSON, A K Senate, Environment & Public Works 80/02/05 2pp

## DOCKET 50-288 REED COLLEGE RESEARCH REACTOR

### Q Inspection reports, IE Bulletins & correspondence

8003060440 Forwards IE Insp Rept 50-288/80-01 on 800108-10 No noncompliance noted  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/26 2pp

--8003060446 IE Insp Rept 50-288/80-01 on 800108-10 No noncompliance noted Major areas inspected facility operations including procedures, maint, surveillance, operator requalification program & audit  
STERNBERG, D M Region 5, San Francisco, Reactor Operations Nuclear Support Branch CARLSON, J D Region 5, San Francisco, Office of the Director 80/01/24 3pp

## DOCKETED ITEMS

DOCKET 50-289 THREE MILE ISLAND NUCLEAR STATION, UNIT 1

D NRC Draft/Final Environmental Statements, supp's &amp; correspondence

800310550 Summarizes comments made at 800215 meeting in Baltimore, MD re TMI EIS outline. Outline does not provide sufficient examination of several important factors, including limits of responsibility & authority in regular & emergency efforts. KRIEMELMEYER, M Kriemelmeyer, M 80/02/18 3pp

F Security, medical, emergency &amp; fire protection plans

8003170436 Forwards fire protection design review. Discusses fire detectors, automatic sprinkler sys., fire barrier penetrations, thermal insulation of valves, emergency feedwater pump penetration, cable separation & relay room protection. MACDOUGALL, E A Brookhaven National Laboratory 79/11/19 14pp

8003100175 Forwards review of fire protection SER suppl items. Requests add'l info re fire detectors, fire barrier penetrations & items judged unacceptable. REID, R W Operating Reactors Branch 4 80/02/07 17pp

Q Adjudicatory correspondence

8003130171 Notice of taking of depositions. L Sinkovich & D Kinter will be added to list of deponents provided in 800129 notice. Certificate of Svc encl. WIDDOFF, M P Three Mile Island Alert. WIDDOFF, M P Widoft, Reager, Selkowitz & Adler 80/01/25 2pp

8003040591 Amend to 800129 notice of depositions. Depositions will take place at Crawford Station, Middletown, PA, on 800219, 21, 22, 24, 28 & 29 & 0303, 05, 06, 07, 10, 11, 13 & 14. WIDDOFF, M P Three Mile Island Alert. WIDDOFF, M P Widoft, Reager, Selkowitz & Adler 80/02/14 3pp

8003060016 Further discovery requests & interrogatories directed to NRC & licensee. Requests info re status of intervenors in NRC files, vent header & charcoal filters compliance w/ALARA & names & qualifications of witnesses. Certificate of Svc encl. LEWIS, M Affiliation Unknown 80/02/14 6pp

8003060020 Forwards PA Public Util Commission 800208 order re Met Ed request to increase allowable energy cost rate tariffs. Requests granted subj to further investigation. Certificate of Svc encl. LEVIN, J A Pennsylvania, State of 80/02/14 7pp.

8003140098 Discusses behavior of judge presiding over 800213 hearing in Harrisburg, PA. Recommends that judge be removed from board due to prejudicial treatment of intervenors at hearing & depriving citizens of due process. LEE, J Affiliation Unknown 80/02/14 2pp.

8003190144 Notice that util has revised hours at Crawford Station. discovery reading room. Certificate of Svc encl. BLAKE, E L Shaw, Pittman, Potts & Troubridge 80/02/14 4pp

8003240001 Amend to 800129 notice of taking depositions. Depositions will take place at Crawford Station, Middletown, PA. Specifies days in Feb & Mar 1980 for taking depositions. Certificate of Svc encl. WIDDOFF, M P Widoft, Reager, Selkowitz & Adler. WIDDOFF, M P Three Mile Island Alert 80/02/14 6pp

8003240003 Responds to ASLB 800213 request for recommendations re proposed schedule for followup discovery requests. All discovery, including to be completed by 800516 w/certificate of Svc. SHOLLY, S C Affiliation Unknown 80/02/14 3pp

8003310397 First set of interrogatories directed to State of PA. Includes requests re agriculture emergency plans, evacuation criteria & measures to remove radioactive matts in animal feed. Certificate of Svc encl. AAKOOT, M M Affiliation Unknown 80/02/14 9pp

8003040022 Responds to ltr expressing opposition to facility restart. Forwards 790809 Commission order outlining issues to be considered during public hearing. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003040025 Expresses opposition to restart of facility. NIELSEN, E L Affiliation Unknown 80/02/29 1p.

8003040681 Motion to present oral arguments at 800221 second special prehearing conference, re Chesapeake Energy Alliance 800213 omnibus motion. Advises of support of TMI Alert, S Sholly, Newberry Township & other intervenors w/certificate of Svc. POLLARD, R G Chesapeake Energy Alliance 80/02/15 5pp

8003050009 Responds to 790824 telegram expressing opposition to restart of TMI-1. Forwards 790809 Commission order outlining issues to be considered during public hearing. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003050015 Expresses opposition to restart of TMI-1. Demands closing of facilities & moratorium on licensing of all new nuclear plants. JONES, M B Affiliation Unknown 79/08/24 1p

--8003050016 Urges delay in licensing new plants. Asks that TMI-1 not be permitted to reopen. JONES, M B Affiliation Unknown 79/08/24 1p

8003050030 Responds to 790815 ltr opposing reopening of facility. Public hearing will be held. Forwards 790809 Commission order w/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003050037 Expresses opposition to facility reopening. Urges permanent closure. BROWN, D M Affiliation Unknown 79/08/15 1p

8003050216 Responds to 790813 ltr expressing opposition to facility restart. Forwards 790809 Commission order outlining issues to be considered during public hearing. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003050225 Expresses opposition to reopening of facility. WHITEHURST, K Affiliation Unknown 79/08/13 1p

8003050253 Discusses public hearing re facility reopening in response to ltr urging that plant stay shut down. NRC will conduct review of hearings. Related order encl w/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003050258 Opposes reopening of facility due to util disregard of NRC regulations & safety violations. People in vicinity of facility have been exposed to serious health risks. TREESLER, D W Affiliation Unknown 80/02/15 1p

8003050614 Forwards responses to Anti-Nuclear Group Representing York first set of interrogatories. Requests for documents will be satisfied by end of next wk. CARTER, K W Pennsylvania, State of 80/02/15 1p

--8003050629 Response to Anti-Nuclear Group Representing York first set of interrogatories. Includes submittal of county emergency response plans & assumption of evacuation distance based on NUREG-0396 Affidavits & Certificate of Svc encl. CARTER, K W Massachusetts, State of 80/02/15 21pp

8003060058 Responds to 790818 ltr re reopening of facility. Advises that public meeting will be held re facility restart. Forwards summary NUREG-0558 & Commission Order w/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 3pp

--8003060064 Expresses opposition to restart of facility. Questions assertions that releases of radioactivity during TMI accident were minimal. Urges permanent closure of facility & revocation of OL. TALLEFF, G Affiliation Unknown 79/08/18 3pp

8003060082 Responds to 790816 ltr re reopening of facility. Advises that public hearing will be held prior to decision to restart. Forwards 790809 Commission order w/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003060089 Expresses opposition to reopening of facility. Urges permanent closure. BTRUP, P Affiliation Unknown 79/08/16 1p

8003060115 Responds to 790815 ltr re reopening of facility. Advises that public hearing will be held. Forwards 790809 Commission order w/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003060128 Expresses opposition to facility reopening. Urges permanent closure. CLARK, E M Affiliation Unknown 79/08/15 1p

# DOCKETED ITEMS

105

8003070186 Responds to ltr opposing reopening of Unit 1 Public hearing will be held to determine restart w/o encl 790809 order  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003070221 Opposes reopening of reactor Urges NRC to close facility permanently  
KRIVENKO, T Affiliation Unknown 80/02/15 1p

8003190360 Responds to ltr to Hendrie opposing reopening of TMI-1  
Notifies that public meeting w/NRC & util will be held to hear public questions & statements prior to any decision on TMI-1  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

8003210271 Responds to 790413 ltr re TMI-2 accident NRC has ordered TMI-1 restart hearing Util authority to operate TMI-2 was suspended by NRC 790720 order No commercial facilities are licensed to bury low level radwaste in PA  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 2pp

--8003210275 Requests that util OL for TMI facility be revoked, that all nuclear power plant const in US be halted & that no nuclear waste be dumped in state of PA  
PATTERSON, R Affiliation Unknown 79/04/13 1p

8003250204 Responds to ltr opposed to plant reopening Public hearing will be conducted to determine whether plant should be operated Public will be given opportunity to make statements & raise questions at prehearing technical info review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003250207 Opposes plant reopening Requests action to permanently close facility  
ALDRIGHT, O M Affiliation Unknown 80/02/15 1p

8003040300 Proposed schedule for follow-on discovery Urges consistency w/regulations by granting 14 days for interrogatories & 30 days for documents & depositions Privilege should be granted to TMI Alert; UCS & Sholly only w/Certificate of Svc encl  
TROWBRIDGE, G F Metropolitan Edison Co TROWBRIDGE, G F Shaw, Pittman, Potts & Trowbridge 80/02/19 6pp

8003240006 Forwards signed affidavit of DA Henderson Affidavit should be added to Commonwealth of PA 800215 responses to first set of interrogatories  
CARTER, K W Pennsylvania, State of 80/02/19 1p

8003050052 Response in opposition to Anti-Nuclear Group Representing York request for reconsideration of ASLB third special prehearing conference order No new argument presented re unspecified emergency planning issues w/Certificate of Svc encl  
ZAHLER, R E Metropolitan Edison Co ZAHLER, R E Shaw, Pittman, Potts & Trowbridge 80/02/20 6pp

8003030105 Forwards affidavit re licensee 800221 responses to UCS Interrogatories 38, 39, 48, 49, 113-25 & 146 & errata to responses to Interrogatories 6 & 46 Corrects date of errata title which should be 800129 Certificate of Svc encl  
GLASSPIEGEL, H Shaw, Pittman, Potts & Trowbridge 80/02/22 5pp

8003050149 Response in opposition to Chesapeake Energy Alliance 800213 new late-filed Contentions (D)-14 & (D)-15 per NUREG/CR-1270 review Subjs already discussed in President's Commission 791030 rept served on intervenors Certificate of Svc encl  
TROWBRIDGE, G F Metropolitan Edison Co TROWBRIDGE, G F Shaw, Pittman, Potts & Trowbridge 80/02/22 10pp

8003050160 Response in opposition to Chesapeake Energy Alliance 800213 omnibus motion Motion re certification insufficiently specific Motion re discovery schedule already disposed of in ASLB 800220 memorandum Certificate of Svc encl  
TROWBRIDGE, G F Metropolitan Edison Co TROWBRIDGE, G F Shaw, Pittman, Potts & Trowbridge 80/02/22 11pp

8003060249 Forwards licensee 800222 partial responses to SC Sholly 800104 first set of interrogatories Answers to remaining interrogatories will be provided by 800317 Relevant documents available in licensee discovery reading room  
TROWBRIDGE, G F Shaw, Pittman, Potts & Trowbridge 80/02/22 1p

--8003060255 Response to portion of SC Sholly 800104 first set of interrogatories Includes statements re containment isolation parameter & procedures & pressurizer maint history Unsigned affidavit & Certificate of Svc encl  
GLASSPIEGEL, H Metropolitan Edison Co GLASSPIEGEL, H Shaw, Pittman, Potts & Trowbridge 80/02/22 3pp

8003250198 Affidavit attesting to truthfulness of licensee responses to SC Sholly 800104 interrogatories Of Trowbridge 800226 ltr to SC Sholly & Certificate of Svc encl  
KEATON, R W Metropolitan Edison Co KEATON, R W General Public Utilities - GPU Service Corp 80/02/22 5pp

8003050076 Objections to PA Public Util Commission first set of interrogatories Request re cash flow studies unlimited in scope & time frames Licensee will identify recent cash flow & short-term debt forecasts Certificate of Svc encl  
ZAHLER, R E Metropolitan Edison Co ZAHLER, R E Shaw, Pittman, Potts & Trowbridge 80/02/25 5pp

8003050082 Further objections to SC Sholly 800208 second set of interrogatories Identification of Class 9 accident statements burdensome Assumptions re emergency plan bases too broad w/Certificate of Svc encl  
ZAHLER, R E Metropolitan Edison Co ZAHLER, R E Shaw, Pittman, Potts & Trowbridge 80/02/25 6pp

8003060492 Objections to licensee Interrogatory B-1 requesting review of voluminous documents for identification of inadequacies Interrogatory poses undue burden in present form Urges identification of particular sections of documents  
WEISS, E R Metropolitan Edison Co WEISS, E R Sheldon, Harmon & Weiss 80/02/25 1p

--8003060494 Second set of interrogatories directed to licensee Inquires whether recommended short & long-term measures will reduce possible void formation Includes questions re natural circulation & failure of relief valves  
WEISS, E R Union of Concerned Scientists WEISS, E R Sheldon, Harmon & Weiss 80/02/25 3pp

--8003060499 Notice of taking of 800318 depositions in Washington, DC, re employees responsible for preparing licensee answers to UCS Interrogatories 6-9, 11, 12, 19, 20, 32, 38 & 17 other questions Requests FSAR & relevant documents Certificate of Svc encl  
WEISS, E R Union of Concerned Scientists WEISS, E R Sheldon, Harmon & Weiss 80/02/25 3pp

8003100068 Second set of interrogatories directed to licensee Includes questions re present storage of radioactive water from TMI-2 accident, schedule of decontamination, potential radioactive pathways & licensee mgt capabilities  
POLLARD, R Q Chesapeake Energy Alliance 80/02/25 8pp

--8003100079 Second suppl to first set of interrogatories directed to NRC Corrects errors in first set & requests WASH-1400 & Reg Guides 1 58.1 97.1 8.1 134.1 23.1 145.4 15.4 2 & 4 1 Certificate of Svc encl  
POLLARD, R Q Chesapeake Energy Alliance 80/02/25 2pp

--8003100081 Correction to first set of interrogatories directed to licensee States new version of definition at Page 8 re probability estimate  
POLLARD, R Q Chesapeake Energy Alliance 80/02/26 1p

--8003100086 Mod of second suppl to interrogatories directed to NRC States new version of definition at Page 8 re probability estimate Certificate of Svc encl  
POLLARD, R Q Chesapeake Energy Alliance 80/02/26 2pp

8003130676 Responds to 800126 ltr Release of krypton gases from Unit 2 reactor bldg not currently permitted  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p

--8003130677 Protests proposed krypton release  
GOLDEN, J Affiliation Unknown 80/01/26 1p

8003140288 Second set of interrogatories directed to licensee Includes inquiry re installation of instrumentation of offsite operations ctr & notification sys satisfying design objectives of NUREG-0654  
BOWERS, J Anti-Nuclear Group Representing York 80/02/25 2pp

--8003140291 Second set of interrogatories directed to NRC Requests analysis of certain TMI-2 related accident sequences for inclusions in TMI-1 DBA analysis  
BOWERS, J Anti-Nuclear Group Representing York 80/02/25 2pp

--8003140295 Second set of interrogatories directed to State of PA Includes questions re emergency population zone, State of PA & York County evacuation plans, siren-warning capabilities defined in NUREG-0393 & emergency personnel training  
BOWERS, J Anti-Nuclear Group Representing York 80/02/25 6pp

--8003140297 Motion for unspecified extension of time for discovery, allowing revision of state or local emergency response plan, expected to be issued following closure of discovery.  
BOWERS, J Anti-Nuclear Group Representing York 80/02/25 1p

## DOCKETED ITEMS

- 8003140302 Notice or 800324 & 25 depositions of D Henderson, J Dougherty, T Gerusky & L Jackson at D Pell ofcs, York, PA re emergency planning for 1 response to nuclear accidents Certificate of Svc encl  
BOWERS, J Anti-Nuclear Group Representing York 80/02/25 2pp
- 8003250366 Response containing further objections to SC Shelly Interrogatories 08-019 & 08-024 of second set of interrogatories Questions re licensee statements & assumptions are burdensome & overbroad W/Certificate of Svc  
ZAHLER, R E Metropolitan Edison Co ZAHLER, R E Shaw, Pittman, Potts & Troubridge 80/02/25 6pp
- 8003270135 Response in opposition to PA Public Utili Commission Interrogatory 6 of first set of interrogatories Objects to identifying all cash flow due to unlimited scope, but will provide recent flow & debt forecasts W/Certificate of Svc  
ZAHLER, R E Metropolitan Edison Co ZAHLER, R E Shaw, Pittman, Potts & Troubridge 80/02/25 5pp
- 8003030117 Response to Chesapeake Energy Alliance 800213 First set of interrogatories Contains statements re licensee financial capabilities as issue in proceeding, Interrogatories 7-1 to 7-10 W/Affidavit & Certificate of Svc & prof qualifications  
PETERSON, J C Assistant Director for Quality Assurance & Operations SWARTZ, L L Antitrust Division 80/02/27 13pp
- 8003310027 Statement re communication w/NRC re mailings & related problems Offers acceptance of NRC answers to second set of interrogatories on 800225 provided that objections be communicated to intervenor by telcon  
LEWIS, M I Affiliation Unknown 80/02/27 2pp
- 8003310029 Statement re intervenor special problem w/receiving NRC mailings Suggests relief by placing mail in public post box w/o using NRC internal mailing apparatus  
LEWIS, M I Affiliation Unknown 80/02/27 2pp
- 8003310041 Fourth set of interrogatories & further discovery requests directed to NRC Includes questions re anonymous informants' tips on const & maint concerning filters & vent header, storage & handling of radwaste & purification sys  
LEWIS, M I Affiliation Unknown 80/02/27 6pp
- 8003040692 Response in opposition to Chesapeake Energy Alliance 800213 motion to take action on six separate matters re admittance of contentions, certification of nondeveloped issues & reconsideration of intervenor funding W/Certificate of Svc  
SWANSON, D T Hearing Branch 1 80/02/28 5pp
- 8003040699 Response in opposition to Chesapeake Energy Alliance 800213 late-filed Contentions (D)-14 & (D)-15 submitted per NUREG/CR-1270 review Intervenor failed to show good cause or to submit persuasive new info Certificate of Svc encl  
SWANSON, D T Hearing Branch 1 80/02/28 9pp
- 8003130614 Ack receipt of 790822 ltr re discharge of water from facility Only liquid w/low or nondetectable levels of radioactivity permitted to be released into Susquehanna River  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130617 Protests discharge of possibly contaminated water from facility  
SEARS, S Affiliation Unknown 79/08/22 2pp
- 8003130656 Responds to ltr re accident at facility Licensing will be delayed until evaluation of NRC & Kemeny Commission recommendations  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003130664 Requests revocation of facility license & moratorium on licensing any nuclear power plant  
STONE, E Affiliation Unknown 80/03/09 1p
- 8003170025 Responds to 790829 ltr requesting permanent closing of facility Public hearing will be conducted  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170029 Requests burial of facility  
PERKINS, J Affiliation Unknown 79/08/29 1p
- 8003070183 Fourth special prehearing conference order ruling on miscellaneous pending motions Includes resolution directing Anti-Nuclear Group Representing York & SC Shelly to join contentions Documentation & courtesy notification encl  
SMITH, I W Atomic Safety and Licensing Board Panel 80/02/29 4pp
- 8003190515 Forwards Met Ed 800214 ltr to NRC Ofc of IE re civil monetary penalty imposed by NRC Copy of check encl  
SWARTZ, L L Antitrust Division 80/02/29 3pp
- 8003250202 Response to SC Shelly 800117 first set of interrogatories Includes info re containment isolation sys & conditions defeating ECCS by reducing flow rate or turning off sys W/Affidavits & prof qualifications  
SWARTZ, L L Antitrust Division 80/02/29 48pp
- 8003270013 Amend to 800222 notice of deposition RD Pollard of UCS will will be deposed on 800325 at Sheldon, Harmon & Weiss ofcs in Washington, DC Certificate of Svc encl  
SWARTZ, L L Antitrust Division 80/02/29 3pp
- 8003310178 Further response to UCS 800201 interrogatories Reminds parties that individuals listed in response, re NRC status rept, must be contacted through NRC counsel Certificate of Svc, affidavits & prof qualifications encl  
SWARTZ, L L Antitrust Division 80/03/04 59pp
- 8003100092 Confirms ASLB grant of extension until 800321 for NRC to supplement NRC position on need to consider Class 7 events Parties voiced no objection to extension  
SINGER, L N Hearing Branch 2 80/03/06 3pp
- 8003140183 Order directing ASLB to examine listed issues re util mgt competence Chairman Ahearns & Commissioner Kennedy dissented  
CHILK, S J Office of the Secretary of the Commission 80/03/06 4pp
- 8003120678 Response to UCS first set of interrogatories, supplementing 800110 & 28 preliminary answers & superseding earlier statement whenever contradiction is made Includes discussion of NUREG-0578 & NUREG-0585 Affidavits & Certificate of Svc  
SWANSON, D T, SWARTZ, L L Hearing Branch 1 80/03/07 122pp
- 8003170082 Requests revoking Met Ed license  
RHODAS, A, RHODAS, M Affiliation Unknown 80/03/09 1p
- 8003170086 Requests shutdown of facilities  
\* Affiliation Unknown 80/03/09 2pp
- 8003250370 Memorandum & order re discovery in restart proceeding Declines Anti-Nuclear Group Representing York 800225 motion Grants extension until 800331 for Met Ed to response to intervenors' interrogatories Denies TMI Alert 800304 motion  
SMITH, I W Atomic Safety and Licensing Board Panel 80/03/10 3pp
- 8003240613 Motion seeking order to compel NRC to answer Interrogatories 210 & 211 on NRC attendance cards & NRC inputs re restart status rept Matters of factual nature are subj to disclosure per Ethyl Corp vs EPA (1913) Certificate of Svc encl  
WEISS, E R Union of Concerned Scientists WEISS, E R Sheldon, Harmon & Weiss 80/03/11 4pp
- 8003250335 Ack receipt of fourth set of interrogatories, discovery requests & pleading re MI Lewis problem w/receiving mail & suggestions for relief Request re Translation 628 forwarded to LPDR S Barley will be provided w/correspondence  
SWARTZ, L L Antitrust Division 80/03/11 6pp
- 8003260356 Forwards NRC translation 628 in original Japanese & ANSI N510-1975 "Testing of Nuclear Air Cleaning Sys." in response to discovery request W/o encl  
SOUDER, J L Division of Rules and Records 80/03/11 1p
- 8003200086 Memorandum re need for FES preparation prior to facility restart ASLB will take no action on issue due to staff responsibility to determine whether EIS is required & due to absence of indication from Commission inviting ASLB action  
SMITH, I W Atomic Safety and Licensing Board Panel 80/03/12 4pp
- 8003190930 Advises that Chairman of ASLB granted extension until 800331 for NRC to respond to interrogatories  
SINGER, L N Hearing Branch 3 80/03/13 3pp
- 8003240561 Memorandum & order re Chesapeake Energy Alliance Contention 4 & suppl to omnibus motion Should clarify whether funding needed for psychological issue Emergency planning aspects of contention denied Certificate of Svc encl  
SMITH, I W Atomic Safety and Licensing Board Panel 80/03/13 8pp
- 8003250363 Forwards 800229 & 0303 FR notices re immediate reporting of significant events by licensees & proposed revisions of NRC environ protection regulations  
SWARTZ, L L Antitrust Division 80/03/14 33pp

# DOCKETED ITEMS

107

- 8003310227 Order clarifying Commission /90809 order & notice of hearing re short-term actions on Pages 5-7 Parties may raise safety concern issues not specifically listed as "short-term," if reasonable nexus exists J Aheadine & J Hendrie dissented CHILK, B J Office of the Secretary of the Commission 80/03/14 2pp
- 8003200519 Response to SC Sholly 800117 first set of interrogatories includes info re testing program for pressurizer power operated relief valve & acceptance criteria for metal-water reactions Affidavits encl SWARTZ, L L Antitrust Division 80/03/17 21pp
- 8003200538 Response to Anti-Nuclear Group Representing York 800225 interrogatories. Includes info re design basis for radwaste sys & addl sys requirements to be implemented per NUREG-0578 & NUREG-0660 Affidavits & proof qualifications encl SINGER, L N Hearing Branch 2 80/03/17 14pp
- 8003200553 Response to MI Lewis third & fourth set of interrogatories includes info re leaks in waste gas sys, intake air supply in control & auxiliary bldgs & increase in particulate releases from 1975 to 1978 Affidavits encl SWARTZ, L L Antitrust Division 80/03/17 27pp
- 8003200564 Response to UCS 800331 interrogatories Includes info re LOCA operator actions during heat removal by high pressure & pump overspeed during LOCA Rest of interrogatories will be answered by 800331 w/affidavits SWARTZ, L L Antitrust Division 80/03/17 37pp
- 8003200573 Response to Chesapeake Energy Alliance first set of interrogatories Includes info re storage of contaminated water from TMI-2 containment, primary coolant sys leakage & radioactive effluent monitoring provisions Affidavit encl SWARTZ, L L Antitrust Division 80/03/17 48pp
- 8003240371 Response in opposition to intervenor Aamodt interrogatories Objects to second set, Interrogatory 4 of third set, Interrogatories 1 & 14a of fifth set & Interrogatory 2 of sixth set due to nonrelation to issues W/Certificate of Svc SWANSON, D T Hearing Branch 1 80/03/17 5pp
- 8003240377 Response in opposition to SC Sholly Interrogatory 16-005 of 800225 second set of interrogatories Question re deliberate sabotage act not reasonably calculated to lead to admissible evidence, per ASLR 791218 order at 30 W/Certificate of Svc CUTCHIN, J M Hearing Branch 3 80/03/17 4pp
- 8003260223 Order granting extension until 800324 for TMI Alert to take depositions noticed on 800128 & until 800331 to take depositions noticed on 800222, re restart proceeding MI Lewis may file motion to compel NRC responses by 800319 SMITH, I W Atomic Safety and Licensing Board Panel 80/03/17 1p
- 8003270493 Response to Chesapeake Energy Alliance 800213 interrogatories Includes statements re storage of contaminated water from TMI-2 and rate of primary coolant sys leakage Affidavit encl SWARTZ, L L Antitrust Division 80/03/17 48pp
- 8003260627 Opposes venting of krypton gas from TMI-2 & restart of TMI-1 Citizens should not be exposed to constant low level radiation w/questionable health effects WIBLE, S Affiliation Unknown 80/03/18 1p
- 8003310446 Advises that IN Singer will personally apprise E Weiss of future meetings, in order to avoid late notifications SINGER, L N Hearing Branch 2 80/03/18 1p
- 8003240444 Forwards info in response to Supplementary Financial Info Request 9, in connection w/restart proceeding HAFER, F D General Public Utilities - GPU Service Corp 80/03/17 2200pp
- H General correspondence
- 8003060305 Discusses actions necessary prior to restart of facilities, liability limitations of Price-Anderson Act, storage of spent fuels & alternate methods of energy production in response to encl 791219 ltr to President Carter & resolution DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 7pp
- 8003060271 Advises of current activity re facility restart W/o encl 790809 shutdown order & status rept on evaluation of util compliance VOLLMER, R H TMI-2 Operations/Support 80/02/14 2pp
- 8003060287 Advises of concern by ad hoc oversight committee over lengthy review process to reopen site & effect on util customers Restoring public confidence in NRC is key to confidence in nuclear power LEWIS, F W Middle South Utilities, Inc 79/08/01 2p
- 8003120642 Responds to 791104 ltr re nuclear power plant licensing NRC committed to protect public health & safety Action plan including improved safety objectives & implementation criteria being prepared to be forwarded to util LENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp
- 8003120646 Notifies that 791104 ltr to President Carter supporting nuclear power has been forwarded to NRC for reply ltr encl THEREAULT, J P Energy, Dept of 79/12/20 3pp
- 8003040242 Expresses appreciation for 791011 ltr re disposal of radioactive water from TMI Ltr was forwarded to personnel preparing programmatic EIS on decontamination & disposal of TMI-2 radwastes VOLLMER, R H TMI-2 Operations/Support 80/02/15 1p
- 8003040255 Expresses appreciation for 790402 ltr to President Carter suggesting method to improve conditions at TMI-2 Efforts of NRC state & local authorities will assure continued cooling of reactor core DENTON, H R Office of Nuclear Reactor Regulation 79/09/14 3pp
- 8003170079 Protests practices of Met Ed DARDELL, M Affiliation Unknown 80/02/15 1p
- 8003130666 Responds to ltr re use of EPICOR-II water treatment sys Discharge of EPICOR-II processed water not currently authorized by NRC VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003130668 Opposes use of EPICOR-II water purification sys at facility STRICKLER, B Affiliation Unknown 79/10/17 1p
- 8003190434 Responds to E Marshall 791030 ltr to H Denton re TMI Commission issued policy statement on 791121 emphasizing intentions to coordinate issuance of EIS on disposal of wastes from TMI-2 accident w/ Presidential council VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003190763 Responds to 790612 ltr re storage of radwaste generated at nuclear plants VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003190767 Requests info re storage of waste from nuclear plants HARRISON, C Affiliation Unknown 79/06/12 1p
- 8003050392 Advises that, effective 800201, RJ Toole was promoted to site manager Toole will report to director HERBEIN, J G Metropolitan Edison Co 80/02/28 1p
- 8003130639 Responds to ltr re nuclear energy Programmatic EIS for decontamination being prepared by NRC Public will be allowed to comment DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130644 Responds to 790813 ltr re expeditious restart of Unit 1 Restart could not occur before Sept 1980 DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130647 Requests expeditious restart of Unit 1 OWEN, J R Affiliation Unknown 79/08/13 1p
- 8003130671 Responds to 790417 ltr requesting info re facility Forwards NUREG-0600 Questions concerning R&D should be addressed to DOE W/o encl DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130674 Requests info re facility by 790428 QUIGLEY, R J Affiliation Unknown 79/04/17 2pp
- 8003170016 Responds to ltr re I-131 emissions from facility Principal isotopes in escaped gases were Xe-133 & Xe-135 DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170017 Requests info re I-131 emissions from facility PETKO, W J Affiliation Unknown 80/02/28 1p
- 8003170034 Responds to 790421 ltr re facility Accident was not hoax Forwards summaries of NUREG-0558 & NUREG-0660 W/o encl DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp

## DOCKETED ITEMS

- B003170038 Requests info re National Enquirer article concerning TMI  
hoax  
TAUBE, J Affiliation Unknown 79/04/21 1p
- B003170042 Responds to 790821 ltr re release of radioactive mtlis from  
TMI Release of radioactive gases & contaminated water not  
currently permitted  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- B003170051 Responds to 790805 ltr submitting editorial on accident  
Describes conditions of restart, plant recovery, siting of  
nuclear plants & financial impacts  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- B003170056 Forwards editorial re Unit 2 accident & related issues  
including safeguards, remote siting & financing of plants  
SPANG, J R Affiliation Unknown 79/08/05 3pp
- B003170060 Responds to 790421 & 24 ltrs re radiation doses & new  
requirements resulting from Unit 2 accident investigation  
found no evidence of intentional malicious actions Ltr to  
DOJ dtd 790424 encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- B003170067 Requests info re radiation doses resulting from facility  
accident  
WALTERS, P A Affiliation Unknown 79/04/21 1p
- B003170070 Responds to ltr to President Carter expressing views on  
nuclear power Emergency sys at facility did turn on  
automatically  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- B003170089 Responds to 790816 ltr re release of radioactive gases at  
facility Release of gases not currently permitted NRC will  
evaluate impact of disposal method & hold public meeting on  
issue  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- B003170098 Protests planned releases of radioactive gases at facility  
SIXLER, G Affiliation Unknown 79/08/16 2pp
- B003280289 Ack receipt of ltr re util financial situation Rate  
regulation is handled by various state public util  
commissions Hearing being conducted before ASLAB to  
determine if facility can operate during TMI-2 cleanup  
OILINSKY, V Commission 80/02/28 2pp
- B003280293 Expresses concern re util financial situation Requests that  
NRC provide rate relief to util  
HAMIL, J G Affiliation Unknown 80/02/15 2pp
- B003280297 Requests that GPU be permitted to charge rates that enable  
corp to meet obligations to shareholders  
WALKER, W A Affiliation Unknown 80/03/08 1p
- B003280302 Requests that NRC provide rate relief to util as quickly as  
possible  
MHERRY, T C Affiliation Unknown 80/02/18 1p
- B003280306 Requests approval of rate relief requested by General Public  
Utils subsidiaries & return of TMI-2 to safe protection  
LEEDY, H J Affiliation Unknown 80/02/15 1p
- B003280310 Requests aid in restoring financial status of General Public  
Utils  
KNOTT, M Affiliation Unknown 80/03/06 1p
- B003280315 Requests rate relief & return of facility to safe operation  
as soon as possible  
CARREL, M B Affiliation Unknown 80/02/15 1p
- B003280318 Urges that action be expedited to increase energy for  
benefit of stockholders, per rate relief request  
CELICHOWSKI, S Affiliation Unknown 80/03/14 1p
- B003280324 Requests assistance to expedite rate relief requested by  
General Public Utils subsidiaries & return of facility to  
safe operation  
KANE, J O Affiliation Unknown 80/02/20 1p
- B003280327 Requests that action be taken re rate relief request of  
General Public Utils subsidiaries & return of facility to  
safe operation  
BLUMENFELD, B Affiliation Unknown 80/02/19 1p.
- B003280329 Requests that immediate action be taken re rate relief  
request of General Public Utils subsidiaries & return of  
facility to safe operation  
BLUMENFELD, B Affiliation Unknown 80/02/15 1p
- B003280334 Requests that immediate action be taken re rate relief  
request of General Public Utils return of facility to safe  
operation  
HERRLINGER, H Affiliation Unknown 80/02/15 1p
- B003280338 Requests assistance re rate relief request made by General  
Public Utils Facility should be returned to safe operation  
as soon as possible  
RUGENACHT, E Affiliation Unknown 80/02/18 1p
- B003280400 Responds to MC Clark, M Lane, L W Link & J F Welsh ltrs re  
financial condition of General Public Utils & about TMI NRC  
presently conducting licensing board hearing to determine  
whether TMI-1 can resume operations during TMI-2 cleanup  
OILINSKY, V Commission 80/03/11 2pp
- B003280406 Expresses concern about financial condition of General  
Public Utils & supports restart of TMI-1 TMI-1 should not be  
restricted in operation unless other facilities also  
restricted  
CLARK, M E Affiliation Unknown 80/02/25 1p
- B003280410 Expresses concern about financial condition of General  
Public Utils & supports restart of TMI-1 NRC, NJ Board of  
Public Utils & PA Public Utils Commission should expedite  
rate relief requested by util  
LANE, M Affiliation Unknown 80/03/02 1p
- B003280417 Expresses support of nuclear power & restart of TMI-1 at  
earliest possible date  
LINK, L W Affiliation Unknown 80/03/11 1p
- B003280420 Supports restart of TMI-1 at earliest possible date &  
expresses concern re suspended dividend payments from  
General Public Utils due to idle facility  
WELSH, J F Affiliation Unknown 80/03/01 1p
- B003280413 Forwards 720217 Reg Guide 1 23 "Onsite Meteorological  
Program," & Aug 1973 Reg Guide 1 58 & Sept 1975 Reg Guide  
1 8 re personnel qualifications, in response to B00225  
"CEA Second Suppl to Interrogatories to NRC " W/o encl  
SONDER, J L Division of Rules and Records 80/03/13 1p
- B003280162 Certifies svc of NRC responses to UCS, SC Sholly, HJ  
Lewis, Chesapeake Energy Alliance & Anti-Nuclear Group  
Representing York interrogatories on B00317  
SHARTZ, L L Antitrust Division 80/03/17 2pp
- J Insurance & indemnity information  
-----
- B003110504 Forwards certified Endorsement 4 to MAELU Policy X3-56  
GERETY, H F General Public Utilities - GPU Service Corp 80/03/06  
3pp
- B003310321 Requests extension of time, from B00401 to 0601, to comply  
w/10CFR170 re financial protection to cover public liability  
claims resulting from nuclear incident Extension will allow  
util to survey addl sources of liability insurance  
HERBEIN, J G Metropolitan Edison Co 80/03/26 1p
- P Operating license stage documents & correspondence  
-----
- B001030044 Forwards request for addl info re automatic trip circuitry  
for reactor coolant pump motors Info needed prior to design  
acceptability Ltr transmitted to utils responsible for  
Oconee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R W Operating Reactors Branch 4 79/12/18 5pp
- B003170197 Forwards draft NUREG 0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by B00109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp
- B003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp
- B003030096 Forwards Amend 51 to License DPR-50, safety evaluation &  
notice of issuance & availability  
REID, R W Operating Reactors Branch 3 80/01/28 4pp

# DOCKETED ITEMS

109

- 8003030099 Amend 51 to license DPR-50 deleting requirement to perform limited term nonradiological studies  
REID, R W Operating Reactors Branch 3 80/01/28 8pp
- 8003040004 Responds to 791221 request for update re NRC participation in event of emergency at facility Primary role is to conduct investigations, verify implementation of emergency plans & procedures & assure protection of public health & safety  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/28 1p
- 8003040013 Requests update to NRC ltr of agreement re NRC participation in event of emergency  
HERBEIN, J G Metropolitan Edison Co 79/12/21 1p
- 8003130205 Forwards comments on revised radiation protection plans  
COLLINS, J T TMI-2 Operations/Support 80/01/28 10pp
- 8003130149 Agenda for 800207-09 meeting to discuss Chairman Ahearne response re ACRS participation in rulemaking proceeding on storage & disposal of radwaste, TMI-1 & NUREG-0625 of radwaste  
\* ACRS - Advisory Committee on Reactor Safeguards 80/02/07 3pp
- 8003050223 Responds to 800118 ltr re disposal requirements for Unit 1 solid waste Detailed burial site acceptance criteria is being sent to all licensees in next several days  
COLLINS, J T Division of Site Safety & Environmental Analysis 80/02/11 4pp
- 8003170119 Responds to 800118 ltr re solid waste disposal requirements & advises of transmittal of detailed burial site acceptance criteria for wet solid waste  
COLLINS, J T TMI-2 Operations/Support 80/02/11 4pp
- 8003100057 Responds to 800123 ltr & order imposing civil monetary penalties for noncompliances re 790328 accident Provides \$155,000.00 check for fines imposed Will provide response to incomplete items following 800306 meeting w/NRC Ofc of IE  
ARNOLD, R C Metropolitan Edison Co 80/02/14 1p
- 8003040215 Notification of 800226 meeting w/util in Bethesda, MD to discuss restart  
SILVER, H Light Water Reactors Branch 4 80/02/19 1p
- 8003270162 Forwards special operating Procedures R-2-79-52 & R-2-79-53 used to hydrostatically test decay heat removal sys Packless valves employed in sys are Grinnell 2741 valves  
WILSON, R F Metropolitan Edison Co 80/02/19 1p
- 8003270166 Special Operating Procedure R-2-79-52  
\* Metropolitan Edison Co 79/07/29 20pp
- 8003270168 Special Operating Procedure R-2-79-53  
\* Metropolitan Edison Co 79/07/28 11pp
- 8003060714 Forwards Amend 52 to License DPR-50, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/02/20 3pp
- 8003060720 Amend 52 to License DPR-50, incorporating monitoring conditions for secondary water chemistry  
REID, R W Operating Reactors Branch 4 80/02/20 2pp
- 8003060726 Safety evaluation supporting Amend 52 to License DPR-50  
\* Office of Nuclear Reactor Regulation 80/02/20 2pp
- 8003060730 Notice of issuance & availability of Amend 52 to License DPR-50  
REID, R W Operating Reactors Branch 4 80/02/20 2pp
- 8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p
- 8003250273 Notifies that ban on shipment of radwaste remains in effect until 800314, pending completion of training of supervisory personnel involved in transfer, packaging & transport of radioactive matl  
COLLINS, J T TMI-2 Operations/Support 80/02/22 4pp
- 8003270080 Forwards executive summary of liquid & gaseous releases from accident date to end of 1979 & addl data re liquid discharges to Susquehanna River,  
PORTER, S W Porter-Gertz Consultants, Inc 80/02/22 18pp
- 8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LQCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p
- 8003250261 Informs that ban on shipment of radwaste remains in effect until 800314 pending completion of training of supervisory personnel involved in transfer, packaging & transport of radioactive matl  
COLLINS, J T TMI-2 Operations/Support 80/02/23 4pp
- 8003250266 Summary of 800219 meeting w/util personnel re prohibition on shipment of radwaste due to unsatisfactory responses to IE Bulletin 79-19  
SHANBAGY, M H TMI-2 Operations/Support 80/02/20 2pp
- 8003050375 Responds to NRC 800115 ltr re Tech Spec Change Request 85 re deletion of nonsafety-related sys snubbers Addl fee for Class III amend encl  
HERBEIN, J G Metropolitan Edison Co 80/02/28 2pp
- 8003050511 Submits alternate proposal re maintaining contingency radwaste storage in response to NRC 800121 ltr Proposes maintaining 160,000 gallons of shielded storage in stations combined facilities Process description & schedules encl  
HERBEIN, J G Metropolitan Edison Co 80/02/28 3pp
- 8003060600 Responds to NRC 800115 ltr re extension of reactor vessel internal vent valves surveillance Remittance will be forwarded w/formal Tech Spec change request  
HERBEIN, J G General Public Utilities - GPU Service Corp 80/02/28 1p
- 8003250254 Advises of guidelines for assuring notification of NRC/TMI technical support personnel re radiological water & gas movements/processes Requests to be informed of scheduled & unscheduled movements/processes  
COLLINS, J T TMI-2 Operations/Support 80/02/28 5pp
- 8003270151 Proposes that appropriate contingency storage of radwaste be maintained at station, rather than exclusively at TMI-1  
HERBEIN, J G Metropolitan Edison Co 80/03/28 3pp
- 8003070363 Requests extension of review on reflectors until 800331  
HERBEIN, J G Metropolitan Edison Co 80/02/29 1p
- 8003130518 Responds to NRC 800109 ltr re voiding during transients on B&W plants Voiding does not occur in RCS during operational occurrences Forwards B&W rept, "Potential Reactor Sys Voiding During Anticipated Transients"  
HERBEIN, J G Metropolitan Edison Co 80/02/29 1p
- 8003130534 "Potential Reactor Sys Voiding During Anticipated Transients"  
\* Babcock & Wilcox Co 80/01/31 32pp
- 8003040002 Forwards Amend 13 to Restart Rept Provides addl info & responses or schedules for responses to NRC 800121 ltr  
HERBEIN, J G Metropolitan Edison Co 80/03/03 1p
- 8003040007 Amend 13 to Restart Rept  
\* Metropolitan Edison Co 80/03/03 136pp
- 8003110379 Forwards responses to NRC questions re TMI-1 operational GA plan  
THORPE, J R General Public Utilities - GPU Service Corp 80/03/03 1p
- 8003120585 Forwards list of drawings re programmatic EIS that were hand-carried from facility by P Leach & O Lynch  
LEHMAN, L J Metropolitan Edison Co 80/03/04 3pp
- 8003100176 Transcript of 800305 briefing on assessment of cleanup at TMI Pp 1-65  
\* Commission 80/03/05 65pp
- 8003100181 Forwards "Evaluation of Cleanup Activities at TMI," rept of special task force formed on 800219 Lists actions to be taken in order to restore forward motion to cleanup process  
DIRCKS, W J Office of the Executive Director for Operations 80/02/29 2pp
- 8003100185 Forwards "Evaluation of Cleanup Activities at TMI," for endorsement & forwarding to Commission Program should be reassigned high priority due to strong public opinion  
HALLER, N H Office of Management and Program Analysis 80/02/20 2pp



## DOCKETED ITEMS

--8003100190 "Evaluation of Cleanup Activities at TMI"  
HALLER, N M Office of Management and Program Analysis  
BROWNING, R E Division of Waste Management PURPLE, R A  
Assistant Director for Radiol Health & Safeguards Standards  
80/02/28 59pp

--8003100194 Appoints recipients to task force to evaluate cleanup  
operations at TMI Scope of review encl  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/15 2pp

--8003100203 Summarizes major near-term consideration involved in TMI  
cleanup Major considerations are safety, minimizing radiation  
dose released & keeping core protected Requests  
authorization to proceed w/controlled purging  
DIECKAMP, H General Public Utilities - GPU Service Corp  
80/03/04 4pp

800310518 Forwards BAW-1601, "Pilot Operated Relief Valve Monitor  
Test" Affidavit encl Rept withheld (ref 10CFR2 790)  
THORPE, J R General Public Utilities - GPU Service Corp 80/03/06  
9pp

8003250297 Discusses results of analysis re uneven drawdown of sodium  
thiosulfate & sodium hydroxide bank of containment bldg  
spray sys Extensive tests required to demonstrate capability  
of sys Outline of alternative encl  
REID, R W Operating Reactors Branch 4 80/03/07 5pp

800310534 Forwards Amend 14 to facility restart rept, revising  
Chapter 5 to reflect major organizational changes for more  
effective mgt control Amend combines mgt resources of Met  
Ed & General Public Utils to form TMI Generation Group  
HERBEIN, J G Metropolitan Edison Co 80/03/10 82pp

8003170453 Responds to NRC 800125 ltr re reporting of changes &  
additions to permits & certificates for protection of  
environ Permit amends & authorizations encl  
HERBEIN, J G Metropolitan Edison Co 80/03/10 129pp

8003180480 Requests extension to 800403 for submittal of addl info re  
containment purge & venting sys Response not completed  
HERBEIN, J G Metropolitan Edison Co 80/03/11 1p

8003180502 Responds to NRC request for info re 800226 incident at  
Crystal River Unit 3 Preliminary responses to Items 1  
through 5 encl  
HERBEIN, J G Metropolitan Edison Co 80/03/13 7pp

8003210385 Requests extension until 800415 to submit conceptual design  
of proposed alternate shutdown panel discussed in util  
791224 ltr Engineering comments on Gilbert Associates  
preliminary spec being resolved  
HERBEIN, J G Metropolitan Edison Co 80/03/18 1p

8003230563 Responds to NRC 800122 request for info re effects of valve  
lineup procedural changes Leaving motor operated valve open  
would eliminate one of three redundant pressure barriers &  
increase chance of overpressurization of sys  
HERBEIN, J G Metropolitan Edison Co 80/03/19 2pp

8003280462 Notifies that second compressed gas monitor was established  
at Goldsboro on 800321 Monitor will be installed at fire  
hall  
SMITH, A E Environmental Protection Agency 80/03/24 1p

--8003280465 Notifies that analysis of data from background recorder  
stations & air samples on 800320 indicates no leak resulting  
from auxiliary bldg Compressed gas sample of 800319 is  
normal compared w/daily readings of Goldsboro fire hall  
SMITH, A E Environmental Protection Agency 80/03/24 3pp

8003310346 Provides schedule for relocation of EPICOR-1 to Unit 2 side  
fence Earthwork & concrete work will commence in Apr &  
component installation in May Transfer will be complete &  
preoperational in June Info package forthcoming  
WILSON, R F Metropolitan Edison Co 80/03/24 2pp

8003280544 Requests extension until 800421 to respond to NRC 800128 ltr  
re containment purging & venting during normal operations  
Facility will not be returning to power until review is  
complete  
HERBEIN, J G Metropolitan Edison Co 80/03/25 1p

8003310252 Responds to NRC 800202 ltr re date for submitting answer  
concerning inadvertent reactor scrams & safety injection  
Util will respond by 800627  
HERBEIN, J G Metropolitan Edison Co 80/03/26 1p.

8003310275 Forwards Amend 15 to restart rept, consisting of proprietary  
version of BAW-1601, "Pilot Operated Relief Valve (PORV)  
Monitor Test" & "Flow Detectors for Pressurizer Code Safety  
& PORV" BAW-1603 withheld (ref 10CFR2 790)  
HERBEIN, J G Metropolitan Edison Co 80/03/28 2pp

--8003310277 Amend 15 to restart rept, consisting of proprietary version  
of BAW-1601, "Pilot Operated Relief Valve (PORV) Monitor  
Test" & Flow Detectors for Pressurizer Code Safety & PORVs "  
BAW-1603 withheld (ref 10CFR2 790)  
\* Metropolitan Edison Co 80/03/28 1p

--8003310282 Forwards proprietary BAW-1601, "Pilot Operated Relief Valve  
(PORV) Monitor Test," in response to NRC requirements for  
facility restart Rept withheld (ref 10CFR2 790)  
THORPE, J R General Public Utilities - GPU Service Corp  
80/03/06 1p

--8003310287 "Flow Detectors for Pressurizer Code Safety & Pilot Operated  
Relief Valves"  
\* General Public Utilities - GPU Service Corp TDR-139  
80/03/03 32pp

--8003310290 Operational QA plan, Revision 8  
\* General Public Utilities - GPU Service Corp, 80/03/28 116pp

Q Inspection reports, IE Bulletins & correspondence

8003060664 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs copies of escalated enforcement correspondence  
sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003130060 Confirms 800129 telcon extending invitation to attend 800207  
meeting in King of Prussia, PA re requirements in IE Bulletin  
79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

8003030613 Ack receipt of 790829 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-320/79-04 &  
50-289/79-03  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/03 2pp

- 8003030621 Responds to violations noted in IE Insp Repts 50-320/79-04 &  
50-289/79-03 Corrective actions approval required of  
superintendent prior to entry & increased surveillance of  
job health physics practices  
HERBEIN, J G Metropolitan Edison Co 79/08/29 3pp

8003140018 Notifies of inability to submit schedule for completion of  
proposed corrective action for IE Bulletin 79-1B Design of  
proposed mods will be completed by 800307  
HERBEIN, J G Metropolitan Edison Co 80/02/04 1p

8003100049 Ack receipt of 800102 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-289/79-20 &  
50-320/79-26 on 790919-1022  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/13 1p

--8003100058 Forwards IE Insp Repts 50-289/79-20 & 50-320/79-26 on  
790919-1022 Noncompliance noted  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/26 2pp

--8003100064 IE Insp Repts 50-289/79-20 & 50-320/79-26 on 790919-1022  
Noncompliance noted Firewall contained inadequate  
penetration seals, failure to follow radiation work procedure  
& implement station administration procedure  
HAVERKAMP, D R, CONTE, R J, KISTER, H B Region 1, Philadelphia,  
Office of the Director 50-289/79-20 79/11/19 29pp

8003230378 Forwards 1979 insp repts re Beaver Valley & TMI-1 & related  
correspondence Repts conclude that facilities were in  
compliance w/NRC safety requirements Items of noncompliance  
at Beaver Valley were not safety concern  
AHEARN, J F Commission 80/02/14 2pp

8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD  
re responses to IE Bulletin 79-05C  
CAPRA, R A Standardization Branch 80/02/24 11pp

# DOCKETED ITEMS

111

8003140097 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120457 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003140370 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

8003180280 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180037 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190258 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260306 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260400 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260135 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250379 Forwards IE Info Notice 80-11, "Generic Problems w/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260037 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## R Periodic operating reports & related correspondence

8003060523 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
HERBEIN, J Q Metropolitan Edison Co 80/02/29 1p

--8003060524 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Metropolitan Edison Co 79/12/31 32pp

8003110552 Forwards "TMI Aquatic Study Monthly Rept for Jan 1980, " re ecological survey of Susquehanna River  
REBBLER, W C General Public Utilities - OPU Service Corp 80/03/05 1p

--8003110554 "TMI Aquatic Study Monthly Rept for Jan 1980 "  
NARDACCI, Q A Ichthyological Associates, Inc 80/01/31 22pp

8003240312 Forwards monthly operating rept for Feb 1980  
HERBEIN, J Q Metropolitan Edison Co 80/03/18 1p

--8003240314 Monthly operating rept for Feb 1980  
MITCHELL, D G Metropolitan Edison Co 80/03/15 6pp

## S Reportable occurrences, LERs & related correspondence

8003130152 RD 80-03/1P makeup pump discharge check valves MU-V-734A/C found w/damages locking devices on valve seat holddown bolts Cause unstated Matix analysis on failed safety-related crane tilting disc check valves being conducted  
TOOLE, R J Metropolitan Edison Co 80/02/11 1p

8003060045 Forwards safety evaluation re acceptability of corrective actions for underground pipe cracks in Seismic Category 1 piping reported in 761207 LER Any significant changes in surveillance program should be reported  
REID, R W Operating Reactors Branch 4 80/02/15 3pp

--8003060049 Safety evaluation re acceptability of actions taken to correct underground pipe cracks in Seismic Category 1 piping  
\* Office of Nuclear Reactor Regulation 80/02/15 3pp

8003140134 PND-TMI-80-006 on 800228, crane tipped over in storage area south of Unit 2 south gate Caused by improper balance while moving scrap metal No injuries Media interest is expected  
CONTE, R J, FASAND, A N Region 1, Philadelphia, Office of the Director  
CGLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/02/28 1p

8003120485 Forwards LER 80-002/03L-0  
HERBEIN, J Q Metropolitan Edison Co 80/02/29 1p

--8003120487 LER 80-002/03L-0 on 800131, w/plant in cold shutdown, annual insp of diesel generator 1A(1301-B 2) was not performed Caused by repairs in progress on decay heat loop B & spare parts on order to support insp Insp will be performed  
TROUTHMAN, R C Metropolitan Edison Co 80/02/29 2pp

8003120561 Forwards NPDES Noncompliance Notifications 80-01 & 80-02  
KLINGAMAN, R M Metropolitan Edison Co 80/03/03 1p

--8003120565 NPDES Noncompliance Notifications 80-01 & 80-02 on 800213 & 21 samples from industrial waste treatment sys indicated total oil & grease discharge exceeded 48 lb/day limit Possibly caused by increased grease loading  
\* Metropolitan Edison Co 80/03/03 1p

8003170487 Forwards revised LER 80-003/01T-1  
HERBEIN, J Q Metropolitan Edison Co 80/03/04 1p

--8003170493 Revised LER 80-003/01T-1 on 800206, during valve mods, valve seat holddown devices for HPI pump discharge check valves found loose Caused by corrosion of seat holddown devices Insp program & design study are underway  
SUMMERS, R L Metropolitan Edison Co 80/02/29 4pp

8003250538 Forwards LER 80-004/01T-0  
HERBEIN, J Q Metropolitan Edison Co 80/03/20 1p

--8003250543 LER 80-004/01T-0 on 800306, during piping reanalysis, errors were discovered in seismic analysis of common decay heat suction piping Caused by analysis error Affected piping seismic analysis will be corrected & hardware changes made  
MCPHATTER, C F Metropolitan Edison Co 80/03/20 2pp

## DOCKET 80-293 PILGRIM NUCLEAR POWER STATION, UNIT 1

### F Security, medical, emergency & fire protection plans

8003070042 Forwards fire protection safety evaluation suppl List reflecting current status of safety evaluation items encl  
LAINAS, G Plant Systems Branch 80/02/14 2pp.

--8003070043 Fire protection safety evaluation suppl for complete items & items for which licensee proposal found unacceptable  
\* Office of Nuclear Reactor Regulation 80/02/14 8pp

8003140249 Forwards request for addl info re safeguards contingency plan info withheld (ref 10CFR2 790)  
IPPOLITO, T A Operating Reactors Branch 3 (Pre 790625) 80/02/25, 3pp

8003100132 Forwards Section 3 2 1 2 4 of modified amended security plan, describing physical change Section withheld (ref 10CFR2 790).  
ANDDONINI, Q C Boston Edison Co. 80/02/28 1p

## DOCKETED ITEMS

8003170388 Documents completion of fire protection mods informs of discrepancy re number of control room panels w/signaling sys & postponed completion date for testing fire detectors & sys discharge test  
ANDOGNINI, G C Boston Edison Co 80/02/29 3pp

8003170374 Notifies that util has analyzed all installed electrical cables for insulation & jacket mat composition Cables located in open trays w/PVC insulation or jacket have been coated w/approved flame retardant matl  
ANDOGNINI, G C Boston Edison Co 80/03/05 4pp

8003180601 Forwards info re manpower availability & utilization of personnel in event of fire in cable spreading room Informs of 3-h barrier encasements for safety Div A raceways  
ANDOGNINI, G C Boston Edison Co 80/03/12 2pp

8003270321 Forwards Copies 1-5 of modified amended security plan, Revision 5 Plan withheld (ref 10CFR2 790)  
ANDOGNINI, G C Boston Edison Co 80/03/20 1p

#### G Adjudicatory correspondence

8003040028 Forwards NRC order imposing civil penalties in amount of \$5,000 re unauthorized individual passing undetected into protected & vital areas on 790711 App A & B of util 791119 ltr re safeguards for SNM will be withheld (ref 10CFR2 790)  
STELLQ, V Office of Inspection & Enforcement, Office of the Director 80/01/21 2pp

8003190092 Forwards confirmatory order confirming util 790410 commitment re recirculation pump trip installation prior to operation  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/21 2pp

--8003190094 Confirmatory order confirming util commitment to install recirculation pump trip prior to operation  
EISENHUT, D G Division of Operating Reactors 80/02/21 4pp

#### J Insurance & indemnity information

8003030323 Forwards Endorsement 36 to MAELU Policy MF-5B  
FOULSHAM, P A Boston Edison Co 80/02/25 2pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003120298 Forwards comments on proposed radiological effluent & environ monitoring Tech Specs Requests that process control program for radwaste solidification per encl guidance be submitted within 60 days Marked-up Tech Specs encl  
IPPOLITO, T A Operating Reactors Branch 3 80/02/14 88pp

--8003120303 "Process Control Program Guidance, Solid Waste Mgt Sys," Revision 1  
\* Commission 79/02/06 4pp

8003110338 Forwards Amend 41 to License DPR-35, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 2pp

--8003110347 Amend 41 to License DPR-35, allowing multiple control rod removal w/reactor in refuel mode  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 7pp

--8003110357 Safety evaluation supporting Amend 41 to License DPR-35  
\* Office of Nuclear Reactor Regulation 80/02/22 5pp

--8003110363 Notice of issuance & availability of Amend 41 to License DPR-35  
IPPOLITO, T A Operating Reactors Branch 3 80/02/22 2pp

8003130110 Notification of 800229 meeting w/util in Bethesda, MD to discuss plant core spray sparger cracks Insp findings, cause & repair program  
HANNON, J Operating Reactors Branch 3 80/02/22 1p

8003130167 Notification of 800125 meeting w/util in Bethesda, MD to discuss turbine insp findings  
HANNON, J N Operating Reactors Branch 3 80/02/22 1p

8003190411 Ack receipt of 800130 ltr forwarding payment re NRC 800121 order imposing civil penalties for safeguard incident at facility Denies request to withhold 800130 ltr (ref 10CFR2 790)  
STELLQ, V Office of Inspection & Enforcement, Office of the Director 80/02/22 1p

8003110594 Forwards "Secondary Containment Leak Rate Test Data"  
MCQUIRE, P J Boston Edison Co 80/03/03 1p

--8003110601 "Secondary Containment Leak Rate Test Data"  
\* Boston Edison Co 80/03/03 1p

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003250012 Notification of 800313 meeting w/util & OE in Bethesda, MD to discuss plans to operate station during Cycle 5 w/core spray sparger cracks  
HANNON, J Operating Reactors Branch 3 80/03/10 1p

8003101075 Notification of 800320 meeting w/util & OE in Bethesda, MD to discuss technique & analysis methodology of keyway/bore insp on turbine rotors  
HANNON, J, BEVAN, R Operating Reactors Branch 3 80/03/14 2pp

8003250092 Forwards issued check for payment of NRC 790828 review of simulator training program per 800205 request  
ANDOGNINI, G C Boston Edison Co 80/03/17 1p

8003260642 Advises that no Event 5 isolation valve configuration exists at facility in response to NRC ltr  
ANDOGNINI, G C Boston Edison Co 80/03/19 1p

#### G Inspection reports, IE Bulletins & correspondence

8003060651 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofsc, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003040062 Responds to IE Bulletin 79-28 re possible malfunction of NAMCO limit switches Licensee does not use NAMCO Model EA180 limit switches, coded 02-79 through 08-79, on safety-related equipment  
ANDOGNINI, G C Boston Edison Co 80/01/11 1p

8003060506 Response to IE Bulletin 80-01 re automatic depressurization sys pneumatic supply Facility has hard seat check valves installed to isolate automatic depressurization sys accumulator sys from pneumatic supply sys  
ANDOGNINI, G C Boston Edison Co 80/01/18 2pp

8003130052 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003120715 Forwards response to IE Bulletin 79-27, "Loss of Non-Class 1-E Instrument & Control Power Sys During Operation" Lists of sys necessary to bring plant to cold shutdown encl  
ANDOGNINI, G C Boston Edison Co 80/02/05 16pp

8003050254 Ack receipt of 791022 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-293/79-10 Encl detailed response withheld (ref 10CFR2 790)  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/13 2pp

--8003050259 Forwards IE Insp Rept 50-293/79-10 on 790521-25 & 0529-0601 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/07/26 2pp

# DOCKETED ITEMS

113

--8003050265 IE Insp Rept 50-293/79-10 on 790521-25 & 0529-0601 Noncompliance noted procedures not established which document duties of security personnel & isolation zone not maintained Details withheld (ref 10CFR2 790)  
JONES, J W , BAILEY, R Region 1, Philadelphia, Office of the Director  
DEVLIN, J W Region 1, Philadelphia, Safeguards Branch  
79/09/11 2pp

8003190387 Ack receipt of 800206 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-293/79-20  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/20 1p

--8003190394 Responds to NRC 800111 ltr re violations noted in IE Insp Rept 50-293/79-20 Corrective actions LER 79-046/03L-0, denoting organizational change, was issued on 791214 In process of issuing repts on three remaining events  
ANDOGNINI, G C Boston Edison Co 80/02/06 1p

--8003190401 Forwards IE Insp Rept 50-293/79-20 on 791203-07 & notice of violation  
BRUNNER, E J, Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/11 2pp

--8003190408 Notice of violation from insp on 791203-07  
\* Region 1, Philadelphia, Office of the Director 80/01/07 1p

--8003190413 IE Insp Rept 50-293/79-20 on 791203-07 Noncompliance noted Failure to report in accordance w/ Tech Spec requirements  
KEHOE, D Region 1, Philadelphia, Office of the Director  
BAUNACK, W, MARTIN, T Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/07 5pp

8003140078 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003190694 Summary of 800223 meeting w/GE & licensee in Bethesda, MD re GE turbine insp findings  
HANNON, J N Operating Reactors Branch 3 80/02/27 4pp

8003120439 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003120588 Responds to IE Insp Rept 50-293/79-21 Fire protection operating procedures will be revised & implemented by 800415  
ANDOGNINI, G C Boston Edison Co 80/02/29 3pp.

8003140353 Forwards supplemental info to IE Bulletin 79-018, "Environment Qualification of Class IE Equipment " Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

8003180267 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180024 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190237 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/07 1p

8003260280 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director.  
80/03/07 1p

8003260378 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260110 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250262 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260014 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003070367 Forwards, "Radioactive Effluent & Waste Disposal Rept. Including Radiological Impact on Humans, Jul-Dec 1979 "  
ANDOGNINI, G C Boston Edison Co 80/03/01 1p

--8003070369 "Radioactive Effluent & Waste Disposal Rept. Including Radiological Impact on Humans, Jul-Dec 1979 "  
BOWDON, T L, MIDDLEBROOK, F J Boston Edison Co 80/03/01 77pp

8003190495 Forwards monthly operating rept for Feb 1980  
MCQUIRE, P J Boston Edison Co 80/03/01 2pp

--8003190497 Monthly operating rept for Feb 1980  
WHITNEY, G G Boston Edison Co 80/03/11 6pp

8003250527 Forwards summary of recorded annual whole body exposures for 1979  
MCQUIRE, P J Boston Edison Co 80/03/17 1p

--8003250531 Summary of recorded annual whole body exposures for 1979  
\* Boston Edison Co 79/12/31 1p

S Reportable occurrences, LERs & related correspondence

8003060539 RO 80-001/01X-0 recently completed until fire hazards rept indicates that fire in raceways in several areas of plant would jeopardize safe reactor shutdown Defense-in-depth fire protection measures are being completed  
MCLOUGHLIN, M T Boston Edison Co 80/01/23 1p.

8003190442 PNO-I-80-024 on 800210, facility lost incoming 345 kV transmission line Caused by external power sys problems Core defueled & spent fuel pool temp remained relatively constant during event  
KEHOE, D, MARTIN, T, BRUNNER, E Region 1, Philadelphia, Office of the Director 80/02/11 1p

8003170163 En-80-003 notice of violation & notice of proposed imposition of civil penalties to be issued for License DPR-35 Action based on alleged noncompliance re delivery of radwaste  
BROCKETT, T, COWEN, G Office of Inspection & Enforcement, Office of the Director 80/02/12 ap

8003200048 PNO-I-80-002 on 800223, observed two individuals climb protected area barrier fence on east side of site individuals eluded security force surveillance All onsite personnel identified  
DEVLIN, J W, MARTIN, T. Region 1, Philadelphia, Office of the Director 80/02/25 1p

8003110077 Forwards LERs 79-052/03X-0, 79-053/04X-0 & 79-054/03L-0  
MCQUIRE, P J Boston Edison Co 80/02/28 1p

--8003110085 LER 79-052/03X-0 on 790705, fire detector alarm, initiating from HPCI turbine compartment, announced on panel C114 in control room No fire existed Caused by moisture in HPCI area from steam leak  
MCLOUGHLIN, M T Boston Edison Co 80/02/15 1p

--8003110090 LER 79-053/04X-0 on 790710 & 0807, temp rise of condenser cooling water between intake structure & discharge to bay exceeded 32 F Caused by seasonally high ambient water temp No significant adverse effects to marine life  
MCLOUGHLIN, M T Boston Edison Co 80/02/15 1p

--8003110098 LER 79-054/03X-0 on 790807, w/incoming power unavailable, 24 kV shutdown transformer tripped off line via undervoltage relay trip operation Caused by blown fuse & relay trip.  
MCLOUGHLIN, M T Boston Edison Co 80/02/15, 1p

8003240467 Forwards LER 80-009/04T-0.  
MCQUIRE, P J Boston Edison Co 80/03/18 1p

## DOCKETED ITEMS

--8003240472 LER 80-007/04T-Q on 800310, facility received analyses rept from util lab indicating reportable concentrations of Cr-51 & Co-60 in sample of mussel taken from facility discharge canal Cause not stated  
MCLOUGHLIN, M T Boston Edison Co 80/03/18 1p

8003270324 Forwards LER 80-008/01T-Q  
MCQUIRE, P J Boston Edison Co 80/03/21 1p

--8003270327 LER 80-008/01T-Q on 800308, irradiated fuel moved within fuel pool w/o prior satisfaction of Tech Spec requirements Caused by procedural inadequacy Fuel movement prohibited & secondary containment leak rate testing initiated  
MCLOUGHLIN, M T Boston Edison Co 80/03/20 2pp

## DOCKET 80-294 MICHIGAN STATE UNIV RESEARCH REACTOR

## Q Inspection reports, IE Bulletins &amp; correspondence

8003120092 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

## R Periodic operating reports &amp; related correspondence

8003170180 "Annual Rept for 1979 "  
CARRICK, J Michigan State Univ 80/03/05 2pp

## DOCKET 80-295 ZION NUCLEAR POWER STATION, UNIT 1

## F Security, medical, emergency &amp; fire protection plans

8003170488 Forwards comments on supplementary items re fire protection review for facilities  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/08 6pp

8003180600 Forwards fire protection review Items 3 1 3, 3 1 4 & 3 1 5 re gas suppression sys, water suppression sys & fire water sys, respectively  
HALL, R E Brookhaven National Laboratory 80/03/07 4pp

8003120612 Forwards addl info re turbine bldg fire sump pumps & design info for cable trays which pass through stairwell separating cable spreading rooms Drawings available in Central Files only  
NAUGHTON, W F Commonwealth Edison Co 80/03/10 1p

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

--8003210539 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "  
\* Stone & Webster Engineering Corp 80/01/31 175pp

8003210448 Forwards BNL input to plant fire protection review, items 3 1 3, 3 1 4 & 3 1 5 Gas suppression sys & water suppression sys are satisfactory & should be accepted Fire water sys should be rejected Approved fire pump controller needed  
HALL, R E Brookhaven National Laboratory 80/03/14 4pp

## G Adjudicatory correspondence

8003090526 Requests rejection of license that would increase onsite storage of spent fuel rods by 150% Expansion of storage of spent fuel rods compounds original error of allowing facility to be built in first place  
MORRIS, B Affiliation Unknown 80/02/28 1p

8003310043 Notice of filing of State of IL exceptions to ASLB 800214 initial decision  
SEKULER, S N Illinois, State of 80/03/03 1p

--8003310045 Exceptions to ASLB 800214 initial decision re LOCA, makeup water sources, tube swelling, boron swelling & related issues Certificate of Svc encl  
SEKULER, S N, WOLFF, G W, MARKEY, A K Illinois, State of 80/03/03 4pp.

8003280437 Addendum to ASLB 800214 initial decision Encl Page 61(a) is to be inserted following last line on Page 61 of decision  
LITTLE, L W, REMICK, F J, WOLF, J F Atomic Safety and Licensing Board Panel 80/03/07 2pp

8003310405 Responds to 790427 request that Director of Nuclear Reactor Regulation order full EIS for Amends 44 & 41 to OLs For reasons set forth in 800313 director's decision under 10CFR2 206, request denied  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/13 1p

## H General correspondence

8003250511 Submits suggested distribution list for expediting mail delivery of NRC studies  
PEOPLES, D L Commonwealth Edison Co 80/03/14 3pp

## I Financial information

8003290541 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures  
NEXON, W H Commonwealth Edison Co 80/03/18 6pp

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0430, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060617 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003260457 Forwards request for addl info re containment purge sys & containment venting sys Info should be provided within 45 days  
SCHWENCER, R A Operating Reactors Branch 1 80/01/09 3pp

8003060433 Responds to 800130 ltr expressing concern re loss of boron traceability of burial plates at Brooks & Perkins Brooks & Perkins is developing sys to reduce length of serial numbers & amount of manual number transfers  
STEPTOE, P Laham, Lincoln & Deale 80/01/31 2pp

8003130225 Forwards safety evaluation reviewing licensee response re vibrations causing chemical & vol control sys failure Installed dampers are effectively reducing excessive pressure fluctuations in positive displacement pump lines  
NOONAN, V Engineering Branch 80/02/08 1p

--8003130234 Safety evaluation reviewing licensee response re vibrations causing chemical & vol control sys failure Installed dampers are effectively reducing excessive pressure fluctuations in positive displacement pump lines  
\* Engineering Branch 80/02/08 2pp

8003200273 Summary of 800110 meeting w/Util & Westinghouse re proposal to increase radial peaking factor from 1.86 to 1.93 Meeting agenda encl  
REEVES, E A Operating Reactors Branch 1 80/02/12 6pp

8003190130 Notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Proposed agenda encl  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/14 3pp

8003190126 Corrected notification of 800220 meeting w/Con Ed, Comm Ed & PASNY in Bethesda, MD to discuss severe accident mitigation features for facilities Starting time has been changed to 9:30 AM  
OLSHAN, L Operating Reactors Branch 1 REEVES, E Operating Reactors Branch 1 (Pre 791030) 80/02/19 1p

8003120139 Forwards safety evaluation re charging pump induced vibrations  
SCHWENCER, A Operating Reactors Branch 1 80/02/20 2pp

--8003120144 Safety evaluation re charging pump induced vibrations  
Meds acceptable  
\* Division of Operating Reactors 80/02/19 2pp

# DOCKETED ITEMS

115

8003130320 Summary of 800220 meeting w/utills & NRC re accident mitigation features for facilities  
OLSHAN, L N Operating Reactors Branch 1 80/02/21 4pp

--8003130357 Forwards near-site study for facilities in response to NRC 791205 requests for 60-day crash effort  
PEOPLES, D L Commonwealth Edison Co CAHILL, W J Consolidated Edison Co of New York DAVIS, J F Power Authority of the State of New York 80/02/19 1p

---8003130364 "Indian Point & Zion Near Site Study"  
\* Commonwealth Edison Co \* Consolidated Edison Co of New York  
\* Power Authority of the State of New York 80/02/20 73pp

8003030353 Forwards addl responses to Lessons Learned Task Force Category A requirements in response to NRC 800121 requests Includes info re power source for pressurizer heaters & subcooling indications  
PEOPLES, D L Commonwealth Edison Co 80/02/22 16pp

8003130014 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003270346 Summary of 800222 telcon w/NRC re 800219 ltr concerning factor of safety on shell type expansion anchors on safety-related piping sys  
PEOPLES, D L Commonwealth Edison Co 80/02/27 2pp

8003130493 Requests withdrawal of 740129 license amend request re protective instrumentation drift More detailed study needed  
PEOPLES, D L Commonwealth Edison Co 80/03/03 1p

8003130393 Forwards addl info for NRC review of facility near-site study Includes necessary data for concrete to reinforcing steel weight ratios & FSAR Sections 5 i-44, 45 & 6 i-4  
NAUGHTON, W F Commonwealth Edison Co 80/03/04 7pp

8003180358 Forwards revised Pages 158 & 159 for auxiliary feedwater sys Tech Specs, reflecting editorial corrections & reformatted surveillance & testing requirements per 791231 amend request  
NAUGHTON, W F Commonwealth Edison Co 80/03/12 2pp

--8003180357 Revised Pages 158 & 159 for auxiliary feedwater sys Tech Specs, reflecting editorial corrections & reformatted surveillance & testing requirements per 791231 amend request  
\* Commonwealth Edison Co 80/03/12 3pp

8003180343 Responds to 800123 request for info re existing primary coolant sys pressure isolation valves  
NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

8003210505 Forwards addl info for containment purge & venting sys in response to NRC 800109 request All instrumentation needed to initiate engineered safety features is designated as safety-related equipment  
NAUGHTON, W F Commonwealth Edison Co 80/03/17 4pp

8003240357 Submits addl response to NRC requirements for auxiliary feedwater sys Results of temp analysis in turbine areas conclude that safety equipment not degraded to prevent safe shutdown  
NAUGHTON, W F Commonwealth Edison Co 80/03/18 2pp

8003270502 Forwards addl info re auxiliary feedwater sys flow requirements in response to NRC 790918 request Auxiliary feedwater sys is relied on to prevent core damage & sys overpressurization in event of transients  
NAUGHTON, W F Commonwealth Edison Co 80/03/18 15pp

8003200631 Forwards proprietary & nonproprietary versions of info on turbine disc integrity in response to NRC 800225 request Affidavit & application for withholding encl Proprietary version withheld (ref 10CFR2 790)  
NAUGHTON, W F Commonwealth Edison Co 80/03/19 47pp

Q Inspection reports, IE Bulletins & correspondence

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required.  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/01/31-1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/01 1p

8003140149 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Absorber Cells" Action required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/06 1p

800310092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/08 1p

8003130414 Forwards IE Insp Repts 50-295/79-26 & 50-304/79-25 on 791129, 1220, 800103-04 & 10 No noncompliance noted  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/13 2pp

--8003130422 IE Insp Repts 50-295/79-26 & 50-304/79-25 on 791129, 1220, 800103-04 & 10 No noncompliance noted Major areas inspected damaged Bergen-Patterson large bore hydraulic snubbers on steam generators  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch YIN, I T Region 3, Chicago, Office of the Director 80/02/07 6pp

8003140480 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EIBENHUT, D O Division of Operating Reactors 80/02/23 3pp

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/27 1p

8003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation"  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/29 1p

8003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" Response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/29 8pp

8003190452 Requests advance approval of nondestructive examination exemptions requested 800790628 ltr re revised inservice insp program Requests advance approval from performing volumetric examinations on pressure retaining bolts  
PEOPLES, D L Commonwealth Edison Co 80/03/04 2pp

8003180227 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/06 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/07 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/10 1p

## DOCKETED ITEMS

8003260289 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003050624 Forwards radiation exposure rept for 1979, constituting Part 2 of operating rept  
WANDKE, N E Commonwealth Edison Co 80/02/04 1p

--8003050632 Radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
\* Commonwealth Edison Co 79/12/31 32pp

8003040404 Forwards corrected monthly operating rept for Jan 1980  
WANDKE, N E Commonwealth Edison Co 80/02/26 1p

--8003040548 Corrected monthly operating rept for Jan 1980.  
CQOK, J M Commonwealth Edison Co 80/02/26 2pp

8003110473 Forwards monthly operating rept for Feb 1980  
WANDKE, N E Commonwealth Edison Co 80/03/07 1p

--8003110475 Monthly operating rept for Feb 1980  
CQOK, J M Commonwealth Edison Co 80/03/07 11pp

#### B Reportable occurrences, LERs & related correspondence

8003130650 PMS-III-80-002 800125, switchboard operator received call suggesting facility should be blown up. Caller allegedly has parts for bomb. Resident inspector received call same day. Increased security employed. No disruption of operation.  
DONAHUE, J F Region 3, Chicago, Office of the Director 80/01/25 1p

8003200411 Forwards LER 80-009/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/13 1p

--8003200418 LER 80-009/03L-0 800212, w/Unit 1 in constant speed drive & Unit 2 at 99% power, control room monitor began high alarming w/insufficient meter reading to trip alarm. Caused by defective detector tube & faulty connection on meter pin.  
AKER, R Commonwealth Edison Co 80/03/13 1p

#### DOCKET 50-296 BROWNS FERRY NUCLEAR POWER STATION, UNIT 3

#### F Security, medical, emergency & fire protection plans

8003240019 Forwards summary of NRC vital area analysis. Requests position of analysis & proposed changes to physical security program. Vital area analysis summary withheld (ref 10CFR2 790).  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 2pp

8003260369 Forwards evacuation time estimates provided by Hamilton, Lawrence & Limestone Counties. No unusual evacuation constraints requiring special planning measures identified. One oversize map encl. Map available in Central Files only.  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

#### H General correspondence

8003030339 Forwards estimates of incremental occupational man-rem exposure resulting from temporary onsite storage of low level radioactive trash described in util 800121 ltr.  
MILLS, L M Tennessee Valley Authority 80/02/25 4pp

#### K Utility Final Safety Analysis Report (FSAR) & amendments

8003190421 Forwards Amend 70 to FSAR,  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

--8003190426 Amend 70 to FSAR  
\* Tennessee Valley Authority 80/03/10 43pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109.  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis."  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003030068 Forwards Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability.  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 3pp

--8003030070 Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively, changing limiting conditions for operation & surveillance requirements to levels used prior to 800114.  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 31pp

--8003030074 Safety evaluation supporting Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively.  
\* Operating Reactors Branch 3 80/01/31 2pp

--8003030080 Notice of issuance & availability of Amends 57, 52 & 30 to Licenses DPR-33, DPR-52 & DPR-68, respectively.  
IPPOLITO, T A Operating Reactors Branch 3 80/01/31 2pp

8003240580 Confirms 800131 request to visit facility on 800219-20 to review & verify implementation of TMI-2 short-term Lessons Learned Task Force requirements. Visit to include control rooms, onsite technical support ctr & operations support ctr.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/11 3pp

8003030083 Forwards Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, safety evaluation & notice of issuance & availability.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

--8003030087 Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively, increasing duties of nuclear safety review board & increasing membership of plant operations review committee.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 35pp

--8003030089 Safety evaluation supporting Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 4pp

--8003030092 Notice of issuance & availability of Amends 58, 53 & 31 to Licenses DPR-33, DPR-52 & DPR-68, respectively.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

8003140119 Forwards request for addl info re isolation of main steam lines following high temp logic actuation.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/18 3pp

8003240125 Forwards request for addl info re containment purge sys & containment venting sys.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 4pp

8003200047 Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations. Concludes that all Category A requirements have been met satisfactorily.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 16pp

8003180352 Requests NRC permission to utilize cable warehouse re low level radioactive trash storage for period up to two yrs. Revised Page 2 to 800121 amend request encl.  
CROBB, J M Tennessee Valley Authority 80/03/13 2pp.

--8003180353 Revised Page 2 to license amend request  
\* Tennessee Valley Authority 80/03/13 1p

8003210387 Forwards response to NRC 800223 request info re LWR primary coolant sys pressure isolation valves. Continued operation of facility justified. DLs should not be modified, suspended or revoked.  
MILLS, L M Tennessee Valley Authority 80/03/14 2pp

# DOCKETED ITEMS

117

8003260480 Forwards evaluation of containment purge sys. in response to NRC 791025 request  
MILLS,L M Tennessee Valley Authority 80/03/17 9pp

8003280548 Forwards comments re NUREG/CR-0660 in response to NRC 790604 request Does not agree that refrigerated starting air dryers should be installed on starting air sys Ambient air temp range greater than temp for which dryers designed  
MILLS,L M Tennessee Valley Authority 80/03/21 2pp

## Q Inspection reports, IE Bulletins & correspondence

8003190324 Forwards IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/09 2pp

--8003190332 IE Insp Repts 50-259/79-39, 50-260/79-39 & 50-296/79-39 on 791015-1109 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
DANCE,H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN,R F Region 2, Atlanta, Office of the Director 80/01/08 4pp

8003050355 Forwards IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003050360 IE Insp Repts 50-259/79-46, 50-260/79-46 & 50-296/79-46 on 791127-1207 No noncompliance noted Major areas inspected plant operations, plant tours, RDs, refueling, maint, physical protection & radiation area controls  
DANCE,H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN,R F Region 2, Atlanta, Office of the Director 80/01/17 4pp

8003250117 Ack receipt of 791217 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 1p

--8003250139 Responds to NRC 791126 ltr re violation noted in IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 Corrective actions refrigerant purifier replaced welded dimer unit Check valve replaced liquid indicator  
MILLS,L M Tennessee Valley Authority 79/12/17 3pp

--8003280166 Forwards IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 & notice of violation  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/11/26 2pp

--8003250172 Notice of violation from insp on 791106-09  
\* Region 2, Atlanta, Office of the Director 79/11/23 1p

--8003280179 IE Insp Repts 50-259/79-37, 50-260/79-37 & 50-296/79-37 on 791106-09 Noncompliance noted failure to review sys design changes re control bay air conditioning sys  
DANCE,H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch CHASE,J W, PRICE,D S Region 2, Atlanta, Office of the Director 79/11/23 3pp

8003030066 Informs that util will provide addl info re IE Bulletin 79-01B re environ qualification of class IE equipment Review for OL applicants will be handled through normal review process  
MILLS,L M Tennessee Valley Authority 80/01/25 2pp

8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS,L M Tennessee Valley Authority 80/01/25 2pp

8003070094 Forwards IE Insp Rept 50-296/79-02 on 800109-11 No noncompliance noted  
KENNA,W B Region 2, Atlanta, Safeguards Branch 80/01/29 2pp

--8003070096 IE Insp Rept 50-296/80-02 on 800109-11 No noncompliance noted Major areas inspected matl & control accounting Details withheld (ref IOCFR2 790)  
GILLESPIE,P P Region 2, Atlanta, Office of the Director HODGEB,J W Region 2, Atlanta, Safeguards Branch. 80/01/29 1p

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190619 Forwards IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-296/80-01 on 800116-18 No noncompliance noted  
STOHR,J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/04 2pp

--8003190623 IE Insp Repts 50-259/80-01, 50-260/80-01 & 50-296/80-01 on 800116-18 No noncompliance noted Major areas inspected administrative controls, thermal & chemical discharges, chemical usage, licensee event repts & environ surveillance  
JENKINS,G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch CUNNINGHAM,A L Region 2, Atlanta, Office of the Director 80/02/04 3pp

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003200336 Forwards monthly status rept for work re IE Bulletin 79-14 Rept represents status of work as of 800201  
MILLS,L M Tennessee Valley Authority 80/02/07 1p

8003180082 Forwards IE Bulletin 80-04, "Analysis of FWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003250371 Forwards IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-296/80-02 on 800121-24 No noncompliance noted  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/11 2pp

--8003250382 IE Insp Repts 50-259/80-02, 50-260/80-02 & 50-296/80-02 on 800121-24 No noncompliance noted Major areas inspected refueling activities of Unit 1 in preparation for Cycle 4 & review of Unit 3 startup testing at Cycle 3  
UPREIGHT,C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch JULIAN,C Region 2, Atlanta, Office of the Director 80/02/08 4pp

8003120761 Forwards supplementary response to IE Bulletin 79-18, "Availability Problems Encountered on Evacuation of Personnel from High Noise Areas " Total upgrading of existing public address & evacuation sys necessary  
MILLS,L M Tennessee Valley Authority 80/02/12 2pp

8003210044 Forwards IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-296/80-04 on 800121 No noncompliance noted  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/13 2pp

--8003210054 IE Insp Repts 50-259/80-04, 50-260/80-04 & 50-296/80-04 on 800121 No noncompliance noted Major areas inspected procedures to ensure restoration of normal containment penetration closure conditions  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch SULLIVAN,R F Region 2, Atlanta, Office of the Director 80/02/12 3pp

8003040347 Ack receipt of 791217 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34  
LEWIS,R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/19 1p

--8003060356 Responds to NRC 791121 ltr re violations noted in IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34 Corrective actions div procedure revised to define temporary alterations under unusual circumstances  
MILLS,L M Tennessee Valley Authority 79/12/17 2pp



## DOCKETED ITEMS

--8003060363 Forwards IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34 on 790917-1012 & notice of violation  
LEWIS, R L Region 2, Atlanta, Reactor Operations Nuclear Support  
Branch 79/11/21 2pp

--8003060367 Notice of violation from insp on 790917-1012  
\* Region 2, Atlanta, Office of the Director 79/11/21 1p

--8003060376 IE Insp Repts 50-259/79-34, 50-260/79-34 & 50-296/79-34 on 790917-1012 Noncompliance noted installation of nonapproved jumpers in main steam line tunnel high-temp monitoring safety circuit  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support  
Branch SULLIVAN, R F Region 2, Atlanta, Office of the Director  
79/11/21 5pp

8003100015 Forwards supplemental response to IE Bulletin 79-07 URS/  
Blume computer run indicates that algebraic summation of codirectional components or intermodal components was not used for seismic analysis of recirculation loop & piping  
MILLS, L M Tennessee Valley Authority 80/02/15 2pp

8003140056 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180189 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003210097 Requests addl six wks to respond to IE Bulletin 79-27  
Response will be submitted by 800411  
MILLS, L M Tennessee Valley Authority 80/02/29 1p

8003180158 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180090 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003240277 Requests addl time to respond to IE Bulletin 79-01 Submit projected schedule for issuance of response  
MILLS, L M Tennessee Valley Authority 80/03/07 2pp

8003260112 Ack receipt of 800227 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/07 1p

--8003260131 Responds to NRC 800201 ltr re violations noted in IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 Corrective actions required efficiency & activity checks completed Results in agreement w/ confirmatory measurements  
MILLS, L M Tennessee Valley Authority 80/02/27 3pp

--8003260144 Forwards IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/01 2pp

--8003260158 Notice of violation from insp on 791217-20  
\* Region 2, Atlanta, Office of the Director 80/01/31 1p

--8003260175 IE Insp Repts 50-259/79-44, 50-260/79-44 & 50-296/79-44 on 791217-20 Noncompliance noted failure to perform annual deficiency & activity checks for Ge(Li) counting sys  
MONTGOMERY, D M Region 2, Atlanta, Office of the Director  
JENKINS, O R Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/31 8pp

8003270073 Forwards IE Bulletin 79-14 progress rept for Mar 1980  
MILLS, L M Tennessee Valley Authority 80/03/07 18pp

8003260253 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

R Periodic operating reports & related correspondence

8003180378 Forwards monthly operating rept for Feb 1980  
ABERCROMBIE, H L Tennessee Valley Authority 80/03/10 1p

--8003180380 Monthly operating rept for Feb 1980  
THOM, T Tennessee Valley Authority 80/03/01 32pp

S Reportable occurrences, LFRs & related correspondence

8003040592 Forwards LFR 80-004/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/02/27 1p

--8003040601 LFR 80-004/03L-0 on 800129, 4160 volt bus tie board de-energized & restored to normal cooling tower transformer feeder Caused by need to return electrical sys to normal configuration No recurrence control required  
NORRIS, J R Tennessee Valley Authority 80/02/27 2pp

8003110678 Forwards LFR 80-005/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/05 1p

--8003110683 LFR 80-005/03L-0 on 800205, during normal operation, FCV 74-73 found inoperable while performing surveillance instruction Caused by random failure of gear tooth in limit switch, size 8MB-2, Model 3-Q Limit switch replaced  
\* Tennessee Valley Authority 80/03/05 2pp

8003180557 Forwards LFR 80-006/03L-0  
CALHOUN, J R Tennessee Valley Authority 80/03/13 1p

--8003180565 LFR 80-006/03L-0 on 800217, w/unit at steady state operation, emergency equipment cooling water flow did not meet min flow of 4 gpm Caused by shells & mud preventing adequate flow through residual heat removal pump 3B seal cooler valve  
\* Tennessee Valley Authority 80/03/13 2pp

DOCKET 50-297 NORTH CAROLINA STATE UNIV PULSTAR REACTOR

Q Inspection reports, IC Bulletins & correspondence

8003110487 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

DOCKET 50-298 COOPER NUCLEAR STATION

H General correspondence

8003140182 Requests info re util plans for providing ofc space for NRC resident inspectors First inspector will assume duty station by 800630 & second inspector by Oct 1981 FR notice of final rule re resident inspector program encl  
STELLER, V Office of Inspection & Enforcement, Office of the Director 80/02/25 3pp

# DOCKETED ITEMS

119

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0430, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003030500 Submits info in response to NRC request re occurrences of control rod failure to fully insert Failures occurred Dec 1975 & corrected May 1976 Provides summary of past control rod drive malfunctions No incidences since May 1979  
PILANT, J M Nebraska Public Power District 80/02/22 4pp

8003030413 Requests NEDO-24583-1, "Structural Acceptance Criteria - Plant Unique Analysis Application Guide," be included on docket  
PILANT, J M Nebraska Public Power District 80/02/25 1p

8003040299 Requests deletion of radiological Tech Spec 4 9 A 2 C based on attempt to minimize challenges to ECCS Proposed change to Tech Specs & Class 1 fee encl  
PILANT, J M Nebraska Public Power District 80/02/26 3pp

--8003040305 Proposed change to Page 194 of Tech Specs, deleting Tech Spec 4 9 A 2 C re testing of emergency diesel generators  
\* Nebraska Public Power District 80/02/26 1p

8003240271 Forwards Amend 61 to License DPR-46, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

--8003240273 Amend 61 to License DPR-46, allowing count rate in source range monitor channels to drop below three counts per second when entire reactor core is being removed or replaced  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 19pp

--8003240280 Safety evaluation supporting Amend 61 to License DPR-46  
\* Office of Nuclear Reactor Regulation 80/02/29 6pp

--8003240282 Notice of issuance & availability of Amend 61 to License DPR-46  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

8003210380 Forwards request for changes to Tech Specs re drywell-suppression chamber differential pressure Refueling outage to be concluded 800515 Tech Spec changes requested prior to 800501  
PILANT, J M Nebraska Public Power District 80/03/17 3pp

--8003210382 Revised Pages 167a & 184 for Tech Spec changes re drywell-suppression chamber differential pressure.  
\* Nebraska Public Power District 80/03/17 2pp

8003250591 Responds to 800223 ltr re LWR primary coolant sys pressure isolation valves Review conducted of high pressure piping penetrating drywell & connecting to primary coolant sys Forwards drawings of sys connecting to low pressure piping  
PILANT, J M Nebraska Public Power District 80/03/17 7pp

8003280350 Requests Class III fee for review of 800226 application for proposed deletion of Tech Spec 4 9 re interaction between onsite & offsite power  
DIOGS, R M License Fee Management Branch 80/03/17 1p

## G. Inspection reports, IE Bulletins & correspondence

8003110350 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours," No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003260008 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits" No action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/04 1p

8003140162 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch Tray Adsorber Cells" Action required.  
SEYFRIT, K V Region 4, Dallas, Office of the Director. 80/02/06 1p.

8003110202 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003250600 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003190098 Ack receipt of 800131 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 80-298/77-01  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/22 1p

--8003190106 Responds to NRC 791217 ltr re violations noted in IE Insp Rept 80-298/77-01 Corrective actions rewriting Administrative Procedure 1 3 to define method of preparing, revising & terminating procedures  
PILANT, J M Nebraska Public Power District 80/01/31 1p

8003140468 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 30 days  
EISENHUT, D O Division of Operating Reactors 80/02/25 3pp

8003140022 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120321 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003140314 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" Response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 7pp

8003230189 Forwards 45-day response to Items 1, 2 & 3 of IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" Partial master list of sys required to mitigate LOCA or HELB & component evaluation worksheets for containment sys encl  
PILANT, J M Nebraska Public Power District 80/03/02 135pp

8003180102 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/06 1p

8003180008 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190223 Forwards IE Info Notice 80-08 "Statex Co Sliding Link Electrical Terminal Block" No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260327 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys For Operating Power Plants" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260352 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250418 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260325 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required.  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## DOCKETED ITEMS

## R Periodic operating reports &amp; related correspondence

8003040438 Forwards "Annual Operating Rept 1979 "  
PILANT, J M Nebraska Public Power District 80/03/01 1p

--8003040443 "Annual Operating Rept 1979 "  
Nebraska Public Power District 79/12/31 12pp

8003s20473 Informs NRC that semiannual effluent release operating rept  
will be delayed until 800321, due to time required to collect  
& process necessary data Requests discussion w/NRC re  
inadequate preparation time requirement  
PILANT, J M Nebraska Public Power District 80/03/03 1p

8003110655 Forwards monthly operating rept for Feb 1980  
LESSOR, L C Nebraska Public Power District 80/03/06 1p

--8003110658 Monthly operating rept for Feb 1980  
BALLINGER, P L Nebraska Public Power District 80/03/06 6pp

80032s0358 "Annual Environ Operating Rept, Jan-Dec 1979," Vol 1,  
nonradiological  
Nebraska Public Power District 80/03/21 22pp

## S Reportable occurrences, LERs &amp; related correspondence

8003170486 Forwards LER 80-005-03L-0  
LESSOR, L C Nebraska Public Power District 80/02/13 2pp

--8003170492 LER 80-005-031-0 on 800116, during normal operation, two  
through-wall cracks in welds in radiant energy conversion  
north critical loop discovered Caused by intergranular  
stress corrosion Welds will be replaced  
DQAN, P F Nebraska Public Power District 80/02/13 1p

## DOCKET 50-301 POINT BEACH NUCLEAR PLANT, UNIT 2

## F Security, medical, emergency &amp; fire protection plans

8003170255 Forwards recommendations for fire protection design review  
Items 3 1 2 & 3 1 23 re carbon dioxide hose reel nozzles &  
smoke exhaust  
HACDOUGALL, E A Brookhaven National Laboratory 79/11/30 2pp

8003060531 Forwards info re open fire protection issues review Encl 1  
summarizes status of open issues Encl 2 is NRC evaluation of  
design description for proposed detector installations Util  
791220 proposal for detector placement is acceptable  
LAINAS, G Plant Systems Branch 80/02/05 6pp

8003280029 Forwards open items & resolution of incomplete items for  
790802 Fire protection program re safety evaluation rept  
Requests response within 30 days  
SCHWENCER, A Operating Reactors Branch 1 80/03/05 4pp

8003280455 Submits comprehensive evaluation on three util fire detector  
analyses, separately evaluated by BNL on 800303, 0212 &  
791130 NRC should study effects of congestion, ventilation/  
stratification on detector performance  
BACCIO, J Brookhaven National Laboratory 80/03/20 3pp

## G Adjudicatory correspondence

8003040514 Notifies that intervenor is being served w/pertinent  
documents Requests that Commission enforce ex parte rules  
against util & institute specific procedures to ensure that  
future ex parte documents are not considered  
FALK, K H Wisconsin's Environmental Decade 80/02/26 2pp

8003030526 Petitions Commission to deny impending request to continue  
operation for two wks & to order shutdown until completion  
of adjudicatory hearing re tube degradation issue  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/28 1p

o Commission 791130 confirmatory  
svc. until 800310, due to  
ondary leakage in excess

Trowbridge 80/02/28 3pp

## H General correspondence

8003060138 Forwards NUREG/CR-0199, "Radiological Assessment of Steam  
Generator Removal & Replacement," in response to 791129 ltr  
Util has made no request to replace steam generators w/o  
encl  
EISENHUT, D G Division of Operating Reactors 80/01/04 1p

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis "  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30  
106pp

8003060639 Notifies of completion of generic bounding review re  
inadvertent safety injection during cooldown No further  
licensing action necessary since facility could most likely  
withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003120734 Requests onsite 800206 & 07 meeting to discuss responses  
to encl info needs re inservice testing program  
SCHWENCER, A Operating Reactors Branch 1 80/01/03 8pp

8003050121 Notification of 800225 meeting w/util in Bethesda, MD to  
discuss implementation of lessons learned Task Force  
Category A items  
TRAMMELL, C Operating Reactors Branch 1 80/02/19 1p

8003120407 Summary of 800206 meeting w/util & Westinghouse re turbine  
disc insps Lists of attendees & summary of disc fracture  
analysis encl  
TRAMMELL, C M Operating Reactors Branch 1 80/02/21 5pp

8003030516 Forwards addl fee in response to NRC 800205 ltr re review  
& approval of Tech Spec Change Request 61 Fee submitted  
under protest  
FAY, C W Wisconsin Electric Power Co 80/02/22 2pp

8003050502 Forwards amend fees re Tech Spec Change Request 59, in  
response to 800802 ltr dismissing util protest against  
payment Util believes fee inappropriate  
FAY, C W Wisconsin Electric Power Co 80/02/25 2pp

8003130036 Notifies of data indicating fission gas release rate from  
LHR fuel pellets increases w/burnup No licensing action  
required for operating reactors Users of Westinghouse fuel  
must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003060468 Responds to 800226 ltr from WI Environ Decade to NRC w/  
complaint about not receiving pertinent documents re  
facilities All info re Unit 1 served Unit 2 no longer subj  
of proceedings  
CHARNOFF, G Shaw, Pittman, Potts & Trowbridge 80/02/29 2pp

8003200007 Summary of 800111 meeting w/Bechtels & licensees re masonry  
wall & pipe support structural interdisciplinary  
coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003180514 Advises of plans re Cycle 7 reload core Startup expected  
early May 1980  
FAY, C W Wisconsin Electric Power Co 80/03/11 2pp

8003190573 Forwards response to NRC 800225 & 0304 requests for addl  
info re util implementation of & commitment to requirements  
of NUREG-0578 Revisions to emergency operating procedures  
ensure proper use of pressurizer heaters during accidents  
FAY, C W Wisconsin Electric Power Co 80/03/14 76pp

## Q Inspection reports, IF Bulletins &amp; correspondence

8003190952 Forwards 1E Insp Repts 50-266/79-19 & 50-301/79-21 on  
791204-07, 14-15 & 18 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support  
Branch 80/01/30 2pp

# DOCKETED ITEMS

121

--8003190968 IE Insp Repts 50-266/79-19 & 50-301/79-21 on 791204-07, 14, 15 & 18 No noncompliance noted Major areas inspected  
bulletin followup, nonroutine event followup & independent insp  
SMITH, J D , WARNICK, R F Region 3, Chicago, Office of the Director 80/01/25 5pp

8003140472 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190044 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120196 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140255 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003200495 Forwards IE Insp Repts 50-266/79-14 & 50-301/79-14 on 791011, 1114-15, 1217-19 & 800107-08  
FIDRELL, L G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/07 2pp

--8003200506 IE Insp Repts 50-266/79-14 & 50-301/79-14 on 791011, 1114-15, 1217-19 & 800107-08 No noncompliance noted Major areas inspected GA/QC program, implementing procedures, work activities & nondestructive examination of data  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch HARD, K D Region 3, Chicago, Office of the Director 80/02/04 16pp

8003110150 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190372 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003310460 Forwards IE Insp Repts 50-266/79-20 & 50-301/79-22 on 791211-12 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/16 2pp

--8003310468 IE Insp Repts 50-266/79-20 & 50-301/79-22 on 791211-12 No noncompliance noted Major areas inspected licensee actions in response to IE Bulletin 79-19, "Packaging of Low Level Radwaste for Transport & Burial "  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch GREGER, L R Region 3, Chicago, Office of the Director 80/02/08 7pp

8003140431 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/surata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003120594 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120432 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p.

8003140339 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003310401 Forwards response to IE Bulletin 79-27, "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation " Loss of power to any instrument bus will not affect ability to go to safe shutdown  
FAY, C W Wisconsin Electric Power Co 80/02/29 3pp

8003240571 Ack receipt of 800211 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-266/79-18 & 50-301/79-19 Revised notice of violation encl  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/03/03 2pp

--8003240579 Revised notice of violation from insp on 791126-30 Item of noncompliance changed from infraction to deficiency  
\* Region 3, Chicago, Office of the Director 80/03/03 1p;

--8003240593 Responds to NRC 800111 ltr re violation noted in IE Insp Repts 50-266/79-18 & 50-301/79-19 Corrective actions; checklist revised to include space to ack receipt of acceptable analysis results  
EDV, C W Wisconsin Electric Power Co 80/02/11 2pp

8003180251 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003110649 Forwards supplemental progress rpt in response to IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys " Next rpt will be forwarded during May 1980  
FAY, C W Wisconsin Electric Power Co 80/03/07 4pp

8003260195 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260517 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260558 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003180408 Forwards addl info re turbine discs in response to IE Info Notice 79-37 & NRC 800225 ltr Full ultrasonic test insp scheduled for turbine rotor discs during Spring 1980  
refueling outage info withheld (ref 10CFR2 7901)  
FAY, C W Wisconsin Electric Power Co 80/03/13 8pp

8003260329 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003270461 Discusses steam generator tube leak & steam generator insp  
No progression of tube denting found  
NOONAN, V S Engineering Branch 80/03/13 3pp

8003250127 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260275 Forwards IE Circular 80-04, "Securing of Thread Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

R Periodic operating reports & related correspondence

8003060547 Forwards "Annual Results & Data Rept, 1979 " FAY, C W Wisconsin Electric Power Co 80/02/27 1p

--8003060549 "Annual Results & Data Rept, 1979 " FAY, C W Wisconsin Electric Power Co 79/12/31 100pp

8003070357 Forwards "Semiannual Monitoring Rept, Jul-Dec 1979 " Contains info re plant releases, new fuel receipts, environ radiological monitoring & leak testing of sources  
FAY, C W Wisconsin Electric Power Co 80/02/27 1p

--8003070359 "Semiannual Monitoring Rept, Jul-Dec 1979 " FAY, C W Wisconsin Electric Power Co 79/12/31 15pp

## DOCKETED ITEMS

8003180538 Forwards monthly operating repts for Feb 1980  
FAY, C W Wisconsin Electric Power Co 80/03/10 1p

--8003180542 Monthly operating repts for Feb 1980  
FAY, C W Wisconsin Electric Power Co 80/03/06 10pp

S Reportable occurrences, LERs & related correspondence

8003170416 Forwards LER 80-001/01T-0  
FAY, C W Wisconsin Electric Power Co 80/02/28 1p

--8003170421 LER 80-001/01T-0 on 800221, during full power operation, momentary loss of red instrument bus occurred, resulting in power range channel N41 falling low caused by faulty capacitor in 2DY01 power supply Capacitor replaced  
FAY, C W Wisconsin Electric Power Co 80/02/28 2pp

8003190986 PNO-111-80-039 on 800227, unit shut down because of tube leakage in steam generator A Leak rate was 1420 gpd Licensee will conduct addy current tests  
SMITH, J D, WARRICK, R F Region 3, Chicago, Office of the Director  
80/02/28 2pp

8003200434 Forwards LER 80-002/01T-0  
FAY, C W Wisconsin Electric Power Co 80/03/12 1p

--8003200441 LER 80-002/01T-0 on 800227, primary-to-secondary leak was identified in steam generator A resulting in shutdown of unit caused by leaking tube at position R1BC37 Six defective tubes found in steam generator A  
FAY, C W Wisconsin Electric Power Co 80/03/12 3pp

DOCKET 80-302 CRYSTAL RIVER NUCLEAR PLANT, UNIT 3

F Security, medical, emergency & fire protection plans

8003110510 Forwards upgraded draft emergency plan  
MOORE, G C Florida Power Corp 80/03/07 101pp

--8003110515 Upgraded draft emergency plan  
\* Florida Power Corp 80/03/07 200pp

G Adjudicatory correspondence

8003060014 Responds to 800208 P 13 ltrs re 800102 order to show cause why Category A TMI Lessons Learned Task Force short-term requirements should not be implemented by 800215 Operation through 800331 will be permitted due to compliance  
REID, R W Operating Reactors Branch 4 80/02/15 2pp

8003190064 Forwards NRC 800207 & 22 ltrs & order modifying 800102 show cause order re request for notification of decision concerning electric sys reliability impacts associated w/ implementation of short-term lessons learned requirements  
YOUNGBLOOD, B J Division of Site Safety & Environmental Analysis  
80/02/26 2pp

H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

8003120337 Advises that, as of 800229, RM Bright will be acting manager of nuclear support svcs & is authorized delegate for JA Hancock, director of nuclear operations Telephone number withheld per Privacy Act  
MOORE, G C Florida Power Corp 80/02/29 2pp

J Insurance & indemnity information

8003030320 Forwards Endorsement 40 to NELA Policy NF-195  
FIELDER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc  
Div 80/02/25 2pp

8003250436 Forwards Endorsement 29 to MAELU Policy NF-91  
FIELDER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc  
Div 80/03/20 2pp

8003270367 Forwards 800104 ltr & attachments, in response to NRC 800305 & 791210 ltrs re guarantee of payment of retrospective premium for 1979  
BRANDIMORE, S A Florida Power Corp 80/03/21 1p

8003270390 Responds to NRC 800305 ltr re guarantee of payment of retrospective premium for 1979 Forwards JG Loader 800104 ltr & attachments advising that next filing would be made in June 1980 w/o encl  
BRANDIMORE, S A Florida Power Corp 80/03/21 1p

P Operating license stage documents & correspondence

8001030044 Forwards request for addl info re automatic trip circuitry for reactor coolant pump motors Info needed prior to design acceptability Ltr transmitted to utils responsible for Oconee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R W Operating Reactors Branch 4 79/12/18 6pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800107  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003100021 Notification of 800221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analyses-Generic Rept for Plants w/B&W Reactors"  
CAPRA, R A Standardization Branch 80/02/13 1p

8003060259 Informs that proposed administrative controls identified in util 800208 & 13 ltrs meet TMI short-term Lessons Learned Task Force Requirement 2 i 4 Operation of facility through 800331 will be permitted  
REID, R W Operating Reactors Branch 4 80/02/15 2pp

8003180098 Responds to 800128 ltr re withdrawal of 781031 Tech Spec Change Request 34 & request for refund of Class III fee Since no review of application was started, Ofc of Controller has been authorized to process refund  
HILLER, W O License Fee Management Branch 80/02/20 1p

8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p

8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

8003070026 Advises that no immediate licensing action required re increase in fission gas release rate from LWR fuel pellets in burnups above 20,000 MW-day per metric ton Conclusion based on licensee response to NRC requests for info  
REID, R W Operating Reactors Branch 4 80/02/25 3pp

8003040484 Forwards "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps," addendum to "Analysis of B&W Nuclear Steam Sys Response to ATWS Events"  
TAYLOR, J H Babcock & Wilcox Co 80/02/26 1p

--8003040498 "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps"  
\* Babcock & Wilcox Co BAW-1610 80/02/01 31pp

8003100180 Forwards NRC 800207, 14 & 22 ltrs re energy supply during unit shutdown & order modifying 800102 show cause order, in response to 800201 & 05 request for NRC decision  
YOUNGBLOOD, B J Cost Benefit Analysis Branch 80/02/26 2pp

--8003100205 Approves continued operation of unit through 800331 until containment isolation circuitry is installed, in compliance w/Lesson Learned Task Force Requirement 2 i 4  
REID, R W Operating Reactors Branch 4 80/02/15 2pp

--8003100208 Summarizes DOE review re impact on energy supply in FL during shutdown of nuclear generating units in Feb & March Reliable svc cannot be maintained Request NRC decision  
WEINER, R E Energy, Dept of 80/02/05 4pp

8003040431 Forwards rept, "Small Break w/Failed Power Operated Relief Valve," in response to Item 2B of Attachment A to NRC 790821 ltr, Quantifies lowered loop 177 FA plant response to cold leg break w/o feedwater  
MOORE, G C Florida Power Corp 80/02/28 2pp

--8003040435 "Small Break w/Failed Pressure Operated Relief Valve"  
\* Florida Power Corp 80/02/28 13pp

# DOCKETED ITEMS

123

8003040270 Responds to NRC 800107 ltr re QA requirements for diesel generator fuel oil Util has reviewed approved bidders list & applicable operating & surveillance procedures Fuel oil is classified as safety-related & included in QA program  
BAYNARD, P Y Florida Power Corp 80/02/29 3pp

8003070351 Responds to NRC 791217 request for addl info re proposed mod trip automatic reactor coolant pump during small break  
LOCA Requests addl time to complete evaluation of B&W alternatives & schedule for installation of pump trip  
BAYNARD, P Y Florida Power Corp 80/02/29 2pp

8003140008 Forwards request for addl info re containment purge & vent sys Discussion should be provided re provisions made to ensure that isolation valve closure will not be prevented by debris which could become entrained in escaping air  
REID, R W Operating Reactors Branch 4 80/02/29 3pp

8003190740 Notification of 800J04 meeting w/B&W licensees & util in Bethesda, MD to hear presentation by util re 800226 incident  
REID, R W Operating Reactors Branch 4 80/02/29 3pp

8003100125 Transcript of 800304 briefing on Crystal River Pp 1-75  
Viewgraphs encl  
\* Commission 80/03/04 110pp

8003280374 Forwards NRC 800306 ltr sent to B&W-designed reactor licensees, requesting info re 800226 transient  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 2pp

--8003280395 Ltr to all B&W reactor licensees requesting responses to IE Bulletin 79-27, Items 1-7 Responses to Items 1-5 should be submitted by 800312 Responses to Items 6 & 7 should be submitted by 800317  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 13pp

8003130551 Responds to NRC 800122 request for info re effects of certain valve lineup procedural changes Adverse safety impacts exist re plant operation w/motor operated valve in open position Leakage can be checked w/valve closed  
BRIGHT, R M Florida Power Corp 80/03/10 3pp

8003140386 Forwards "Analysis & Evaluation of Plant Incident " General recommendation categories include coping w/ various loss of instrumentation & control function combinations & improving instrument indication reliability  
ZEBROSKE, E L Electric Power Research Institute WILKINSON, C P Affiliation Unknown 80/03/11 2pp

--8003140392 "Analysis & Evaluation of Plant Incident "  
\* Electric Power Research Institute \* Affiliation Unknown NSAC-3 80/03/31 70pp

8003180489 Forwards preliminary rept, "Transient Assessment Rept, Reactor Trip on 800226, " in partial response to NRC 800304 request for info re power upsets at B&W plants  
TAYLOR, J H Babcock & Wilcox Co 80/03/11 2pp

--8003180495 "Transient Assessment Rept, Reactor Trip on 800226, " preliminary rept  
\* Babcock & Wilcox Co 07-80-02 R2 80/03/09 126pp

8003170282 Forwards responses to NRC 800306 request for info re recent transient Util will perform tests to verify remaining info following NNI/ICB power upsets Will verify that operator has available major plant parameters identified in Response 4  
HANCOCK, J A Florida Power Corp 80/03/12 72pp

8003180362 Forwards responses to 800223 questions re primary coolant sys pressure isolation valves Steps are being taken to assure that leakage which could result in intersystem LOCA is detected  
BRIGHT, R M Florida Power Corp 80/03/14 6pp

8003180287 Forwards response to Items 6 & 7 of 800306 ltr re Crystal River Unit 3 incident Corrective action plan submitted  
800312 Restart projected for May 1980  
HANCOCK, J A Florida Power Corp 80/03/17 3pp

8003200382 Informs NRC that facility is in refueling outage Westinghouse will perform ultrasonic test insp of low pressure turbines Requested info will be provided prior to facility return to operation  
BRIGHT, R M Florida Power Corp 80/03/17 2pp

8003280271 Forwards BAW-1607, "Cycle 3 Reload Rept" & EIA Environ radiological conclusions reached in FES are still valid for license amend request Certificate of Svc encl  
BRIGHT, R M Florida Power Corp 80/03/21 8pp

--8003280276 "Cycle 3 Reload Rept  
\* Babcock & Wilcox Co BAW-1607 80/02/29 80pp

8003240391 Forwards commitments re loss of instrumentation discussed during 800318 meeting w/NRC Commits to take action to allow operator to control various combinations of loss of instrumentation & control functions prior to restart  
BRIGHT, R M Florida Power Corp 80/03/24 3pp

G Inspection reports, IE Bulletins & correspondence

8003170037 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190102 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120025 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003190654 Ack receipt of 800121 ltr informing NRC of steps taken to correct deviation noted in IE Insp Rept 50-302/79-52  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/07 1p

--8003190658 Responds to NRC 791231 ltr re deviation noted in IE Insp Rept 50-302/79-52 Corrective actions surveillance procedures for portable fire extinguishers revised to include all applicable checks used in NFPA-10 by major groups  
HANCOCK, J A Florida Power Corp 80/01/21 1p

--8003190664 Forwards IE Insp Rept 50-302/79-52 on 79126-29 & notice of deviation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/31 2pp

--8003190668 Notice of deviation from insp on 79126-29  
\* Region 2, Atlanta, Office of the Director 79/12/28 1p

--8003190672 IE Insp Rept 50-302/79-52 on 79126-29 Noncompliance noted portable extinguisher surveillance procedures did not follow NFPA-10 Paragraph 5  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch ELROD, S A Region 2, Atlanta, Office of the Director 79/12/28 3pp

8003180054 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190417 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003270350 Forwards IE Rept 50-302/80-04 on 800121-25 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/11 2pp

--8003270354 IE Insp Rept 50-302/80-04 on 800121-25 No noncompliance noted Major areas inspected: plant operations  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch ASHENBEM, M Region 2, Atlanta, Office of the Director 80/02/08 3pp

8003200563 Ack receipt of 800128 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-302/79-46  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/12 1p

--8003200570 Responds to NRC 800108 ltr re violations noted in IE Insp Rept 50-302/79-46 Corrective actions responsible individual cautioned re CP-135 requirements & incident reviewed by supervisors  
HANCOCK, J A Florida Power Corp 80/01/28 1p

## DOCKETED ITEMS

- 8003200574 Forwards IE Insp Rept 50-302/79-46 on 791029-1102 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/08 2pp
- 8003200580 Notice of violation from insp on 791029-1102  
\* Region 2, Atlanta, Office of the Director 80/01/08 1p
- 8003200586 IE Insp Rept 50-302/79-46 on 791029-1102 Noncompliance noted failure to perform independent verification of safety-related valve positions following maint  
MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch QUICK, D R Region 2, Atlanta, Office of the Director 80/01/08 5pp
- 8003190726 Ack receipt of 800201 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 50-302/79-50  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/11 1p
- 8003190737 Responds to NRC 800110 ltr re violation noted in IE Insp Rept 50-302/79-50 Corrective actions plant personnel are being trained in first aid Administrative Instruction AI-800 & Emergency Procedure EM-204 will be revised  
HANCOCK, J A Florida Power Corp 80/02/01 1p
- 8003190743 Forwards IE Insp Rept 50-302/79-50 on 791203-07 & notice of violation  
SUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/10 2pp
- 8003190746 Notice of violation from insp on 791203-07  
\* Region 2, Atlanta, Office of the Director 80/01/07 1p
- 8003190751 IE Insp Rept 50-302/79-50 on 791203-07 Noncompliance noted failure to maintain training program  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch ANDREWS, D L, TAYLOR, P A Region 2, Atlanta, Office of the Director 80/01/07 14pp
- 8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-05C  
CAPRA, R A Standardization Branch 80/02/24 11pp
- 8003140430 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp
- 8003240555 Requests notarized statements re util insp of turbine discs for possible crack formation Statements will enable NRC to decide whether DL should be modified, suspended or revoked  
IE Info Notice 79-37 w/errata sheet & info request encl  
EISENHUT, D G Division of Operating Reactors 80/02/25 5pp
- 8003240560 Errata sheet for IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs"  
\* Office of Inspection & Enforcement, Office of the Director 80/02/25 1p
- 8003200124 Ack receipt of 800221 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-302/80-03  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/26 1p
- 8003200125 Responds to NRC 800205 ltr re violations noted in IE Insp Rept 50-302/80-03 Corrective actions performed incore neutron detector sys calibr surveillance procedure, SP-140  
HANCOCK, J A Florida Power Corp 80/02/21 2pp
- 8003200129 Forwards IE Insp Rept 50-302/80-03 on 800115-17 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/05 2pp
- 8003200130 Notice of violation from insp on 800115-17.  
\* Region 2, Atlanta, Office of the Director 80/02/01 1p
- 8003200132 IE Insp Rept 50-302/80-03 on 800115-17 Noncompliance noted failure to conduct surveillance as required by Tech Specs  
DYER, J A Region 2, Atlanta, Office of the Director, MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/01 3pp
- 8003140047 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/02/27 1p
- 8003180175 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190017 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003250138 Responds to IF Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation" Addl time is required to complete review & evaluation of non-class IE instrumentation & control power sys  
BAYNARD, P Y Florida Power Corp 80/02/29 2pp
- 8003180134 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp
- 8003240300 Responds to IF Bulletin 79-01 re Class IE equipment Addl time required to complete Item 7(a) actions Will submit response by 800421  
BRIGHT, R M Florida Power Corp 80/03/06 2pp
- 8003140397 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180072 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180303 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003270020 Forwards IF Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p
- 8003260217 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp
- 8003250584 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p
- 8003260214 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp
- 8003280499 Ack receipt of 800206 & 29 ltrs informing NRC of steps taken to correct violations noted in IE Insp Rept 50-302/79-54  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/03/14 2pp
- 8003280505 Responds to NRC 800118 ltr re violations noted in IE Insp Rept 50-302/79-54 Corrective actions issued directive re importance of attention to detail & incorporated container labeling requirements into radiation protection procedures  
HANCOCK, J A Florida Power Corp 80/02/29 1p
- 8003280509 Responds to NRC 800118 ltr re violations noted in IE Insp Rept 50-302/79-54 Corrective actions closed gate accessing spent resin transfer pump area & removed lead blankets from makeup sys piping near Valve MOV-303  
HANCOCK, J A Florida Power Corp 80/02/06 3pp
- 8003280512 Informs of biannual retraining program for chemical/radiation technicians re radwaste shipment, in response to IE Insp Rept 50-302/79-54  
HANCOCK, J A Florida Power Corp 80/02/06 1p

# DOCKETED ITEMS

125

--8003280518 Forwards IE Insp Rept 50-302/79-54 on 791217-19 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety  
Branch 80/01/18 2pp

--8003280521 Notice of violation from insp on 791217-19  
\* Region 2, Atlanta, Office of the Director 80/01/15 2pp

--8003280524 IE Insp Rept 50-302/79-54 on 791217-19 Noncompliance noted failure to lock high radiation areas & to review seismic effects of lead shielding on makeup sys piping  
OTBSON, A F Region 2, Atlanta, Fuel Facility & Materials Safety  
Branch PUCKETT, J M, EHALL, S C Region 2, Atlanta, Office of the Director 80/01/15 8pp

## R Periodic operating reports & related correspondence

8003040620 Forwards "1979 Annual Rept on Personnel Exposure, "1978 Annual Rept on Personnel Exposure" & "1979 Annual Operating Rept"  
MODRE, G C Florida Power Corp 80/02/28 3pp

--8003040625 "1979 Annual Rept on Personnel Exposure "  
\* Florida Power Corp 80/02/28 4pp

--8003040632 "1979 Annual Operating Rept," consisting of info re production facility changes, tests & experiments, reactor vessel matl surveillance capsules & rept on steam generator insp & repair  
\* Florida Power Corp 80/02/28 53pp

--8003040638 "1978 Annual Rept on Personnel Exposure "  
\* Florida Power Corp 80/02/28 4pp

8003040480 "Effluent & Waste Disposal Semiannual Rept Jul-Dec 1979 "  
POOLE, D C, BAYNARD, P Y Florida Power Corp 80/02/29 59pp

8003190533 Forwards monthly operating rept for Feb 1980  
BRIGHT, R M Florida Power Corp 80/03/14 1p

--8003190542 Monthly operating rept for Feb 1980  
CULVER, M W Florida Power Corp 80/03/04 5pp

## S Reportable occurrences, LERs & related correspondence

8003250060 PNO-II-80-037 investigation of 800226 transient revealed power failure caused by mismatched set of connector pins on printed circuit board between electrical cabinet & solid state subss in control & indicator circuits  
MARTIN, R Region 2, Atlanta, Office of the Director 80/02/06 1p

8003030486 Forwards RO 80-004/04L-0  
HANCOCK, J A Florida Power Corp 80/02/11 1p

--8003030489 RO-80-004/04L-0 on 800124, seawater samples were collected at six sample stations but analysis were improperly performed  
Caused by malfunctions of analysis equipment Seawater samples were recollected & analyzed No reportable activity  
\* Florida Power Corp 80/02/01 1p

8003180265 PNO-II-80-032A, updating PNO-II-80-032 Reactor conditions have stabilized & dome radiation decreased to zero  
Containment pressure returned to normal Steam generator levels about 90% w/natural circulation in progress  
DANCE, H C, MARTIN, R Region 2, Atlanta, Office of the Director 80/02/26 1p

8003190799 PNO-II-80-032 on 800226, combination of non-nuclear instrumentation power & integrated control sys power tripped reactor Coolant pumps stopped, high pressure safety injection activated & auxiliary feed pumps activated  
DANKE, H C Region 2, Atlanta, Office of the Director 80/02/26 1p

8003200168 PNO-II-80-032B, updating PNO-II-80-032 One reactor coolant pump per loop is in operation Plant is in stable hot standby mode One train of decay heat removal is inoperable, No offsite release Background radiation normal  
HARDIN, K, KELLOGG, P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003040649 Forwards LER 80-007/03L-0  
HANCOCK, J A Florida Power Corp, 80/02/28 1p

--8003040655 LER 80-007/03L-0 on 800130, during daily plant operating surveillance SP-300, discovered average reactor bldg temp of 130 5F Caused by temp transmitter CI-563-TT being stuck, due to operation outside design temp range  
COOPER, J Florida Power Corp 80/02/20 2pp

8003180135 PNO-II-80-032C, updating PNO-II-80-032 Plant remains in stable hot standby Repairs & testing of inoperable decay heat closed cycle cooling pump expected to be completed today After testing, unit will be shut down  
DYER, J A, MARTIN, R D Region 2, Atlanta, Office of the Director 80/02/28 1p

8003280018 PNO-II-80-032D updating emergency status on 800229, plant in cold shutdown w/normal decay heat cooling in progress  
Remaining reactor sump water will be transferred to spent fuel pool by 800303 Reactor bldg entry scheduled for 800302  
DONNAT, T J, MARTIN, R D Region 2, Atlanta, Office of the Director 80/02/29 1p

8003280032 PNO-II-80-035 on 800229, group of antinuclear demonstrators assembled for 2-h at util Winter Park District Ofc No demonstration expected at plant Extra security guard will be posted at entrance to site access road for weekend  
RUHLMAN, H A, MARTIN, R D Region 2, Atlanta, Office of the Director 80/02/29 1p

8003070352 Forwards updated LER 79-087/01T-5  
HANCOCK, J A Florida Power Corp 80/03/03 1p

--8003070354 Updated LER 79-087/01T-5 on 800218, reanalysis of pipe supports, per IE Bulletin 79-14, discovered 30 supports require mods to meet requirements Caused by inadequate design Rework scheduled during next planned outage  
LANCASTER, K F Florida Power Corp 80/02/25 3pp

8003110663 Forwards LER 80-008/03L-0  
HANCOCK, J A Florida Power Corp 80/03/04 1p

--8003110666 LER 80-008/03L-0 on 800206, during ECCS pump operability demonstration surveillance SP-340, decay heat pump A discharge throttle valve would not control flow automatic phase Caused by loose wires on auto-manual selector switch  
LANCASTER, K F Florida Power Corp 80/02/29 2pp

8003280046 PNO-II-80-036 on 800306, NRC immediate action ltr to util confirmed that facility will not return to power w/o prior NRC concurrence based on licensee responses to NRC verbal requests & technical discussions re corrective actions  
MARTIN, R, QUICK, D Region 2, Atlanta, Office of the Director 80/03/06 1p

8003130370 Forwards LER 80-010/01T-0  
HANCOCK, J A Florida Power Corp 80/03/10 1p

--8003130380 LER 80-010/01T-0 on 800227, discovered that reactor coolant sampling frequency for dose equivalent I-131 was not maintained per Tech Spec 3.4.8 Caused by inadvertent error due to add'l nonroutine sampling during transient  
LANCASTER, K F Florida Power Corp 80/03/04 2pp

8003130489 Forwards LER 80-009/03L 0  
HANCOCK, J A Florida Power Corp 80/03/10 1p

--8003130493 LER 80-009/03L-0 on 800209, following power reduction & on 800211, during startup operations, RCS sampling revealed dose equivalent I-131 exceeded Tech Specs Caused by leaking fuel pins & iodine transient following RCS transient  
LANCASTER, K F Florida Power Corp 80/02/29 48pp

8003260286 Notification of 800317 meeting w/ util in Bethesda, MD re 800226 incident  
FAIRFILL, M B Operating Reactors Branch 4 80/03/10 3pp

8003110131 Notification of 800317 meeting w/ util in Bethesda, MD to discuss 800226 incident  
FAIRFILL, M B Operating Reactors Branch 4 80/03/10 1p

8003240414 Forwards LER 80-011/04L-0  
HANCOCK, J A Florida Power Corp 80/03/18 1p

--8003240429 LER 80-011/04L-0 on 800222, discovered representative sample not obtained for Feb from test well 4, contrary to Tech Spec Apparently caused by intake canal mod const activity Tech Spec change request will be submitted to delete requirement  
COOPER, J Florida Power Corp 80/03/13 2pp

8003240532 Forwards supplemental RO 80-014/04L-0  
HANCOCK, J A Florida Power Corp 80/03/18 1p



## DOCKETED ITEMS

- 8003240537 Supplemental RO 80-014/04L-0 on 800221, single measured value of radioactivity concentration in critical pathway environ medium samples exceeded control station value Caused by coal slag pile Pile relocation study underway  
\* Florida Power Corp 80/03/21 1p
- 8003260538 Forwards LER 80-012/04L-0  
HANCOCK, J A Florida Power Corp 80/03/20 1p
- 8003260544 LER 80-012/04L-0 on 800229, discovered that environ samples were not taken from locations at required frequencies Caused by personnel error Incident occurrence infrequent therefore no corrective actions necessary  
COOPER, J Florida Power Corp 80/03/17 4pp
- 8003310338 Forwards LER 80-010/01T-1  
HANCOCK, J A Florida Power Corp 80/03/25 1p
- 8003310343 LER 80-010/01T-1 on 800226, during routine operation, power supply failure initiated transient condition, resulting in reactor trip, turbine trip & engineered safeguards actuation Caused by failure of BNI voltage buffer card 4-7-10(4)  
LANCASTER, K F Florida Power Corp 80/03/20 20pp
- T Hearing transcripts on non-antitrust matters  
-----
- 8003110333 Transcript of 800227 morning briefing in Washington, DC re event at Crystal River Pp 1-74  
\* Commission 80/02/27 75pp
- 8003120597 Transcript of ACRS 800306 meeting in Washington, DC Pp 1-290  
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/06 291pp
- DOCKET 50-304 ZION NUCLEAR POWER STATION, UNIT 2  
-----
- F Security, medical, emergency & fire protection plans  
-----
- 8003170488 Forwards comments on supplementary items re fire protection review for facilities  
MACDUGALL, E A Brookhaven National Laboratory 79/10/08 6pp
- 8003180600 Forwards fire protection review Items 3 i 3.3 1 4 & 3 i 5 re gas suppression sys, water suppression sys & fire water sys, respectively  
HALL, R E Brookhaven National Laboratory 80/03/07 4pp
- 8003120612 Forwards addl info re turbine bldg fire sump pumps & design info for cable trays which pass through stairwell separating cable spreading rooms Drawings available in Central Files only  
NAUGHTON, W F Commonwealth Edison Co 80/03/10 1p
- 8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp
- 8003210559 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "  
\* Stone & Webster Engineering Corp 80/01/31 175pp
- 8003210448 Forwards BNL input to plant fire protection review, Items 3 i 3.3 1 4 & 3 i 5 Gas suppression sys & water suppression sys are satisfactory & should be accepted Fire water sys should be rejected Approved fire pump controller needed  
HALL, R E Brookhaven National Laboratory 80/03/14 4pp
- Q Adjudicatory correspondence  
-----
- 8003050526 Requests rejection of license that would increase onsite storage of spent fuel rods by 150% Expansion of storage of spent fuel rods compounds original error of allowing facility to be built in first place  
MORRIS, B Affiliation Unknown 80/02/28 1p
- 8003310043 Notice of filing of State of IL exceptions to ASLB 800214 initial decision  
SEKULER, S N Illinois, State of 80/03/03 1p
- 8003310045 Exceptions to ASLB 800214 initial decision re LOCA, makeup water sources, tube swelling, boron swelling & related issues. Certificate of Evc encl  
SEKULER, S N, WOLFF, D W, MARKEY, A K Illinois, State of 80/03/03 4pp
- 8003280637 Addendum to ASLB 800214 initial decision Encl Page 61(a) is to be inserted following last line on Page 61 of decision  
LITTLE, L W, REMICK, F J, WOLF, J F Atomic Safety and Licensing Board Panel 80/03/07 2pp
- 8003310405 Responds to 790427 request that Director of Nuclear Reactor Regulation order Full EIS for Amends 44 & 41 to CLs For reasons set forth in 800313 director's decision under 10CFR2 206, request denied  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/13 1p
- H General correspondence  
-----
- 8003250511 Submits suggested distribution list for expediting mail delivery of NRC studies  
PEOPLES, D L Commonwealth Edison Co 80/03/14 3pp
- I Financial information  
-----
- 8003280541 Forwards annual financial rept for 1979, statement of internal cash flow projected for 1980 & narrative statement to which cash flow projection is annexed, explaining projection & dealing w/capital expenditures  
NEXON, H H Commonwealth Edison Co 80/03/18 6pp
- P Operating license stage documents & correspondence  
-----
- 8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp
- 8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp
- 8003060617 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p
- 8003260457 Forwards request for addl info re containment purge sys & containment venting sys Info should be provided within 45 days  
SCHWENCER, R A Operating Reactors Branch 1 80/01/09 3pp
- 8003060433 Responds to 800130 ltr expressing concern re loss of boron traceability of burial plates at Brooks & Perkins Brooks & Perkins is developing sys to reduce length of serial numbers & amount of manual number transfers  
STEPTOE, P Isham, Lincoln & Seale 80/01/31 2pp
- 8003130225 Forwards safety evaluation reviewing licensee response re vibrations causing chemical & vol control sys failure Installed dampers are effectively reducing excessive pressure fluctuations in positive displacement pump lines  
NOONAN, V Engineering Branch 80/02/08 1p
- 8003130234 Safety evaluation reviewing licensee response re vibrations causing chemical & vol control sys failure Installed dampers are effectively reducing excessive pressure fluctuations in positive displacement pump lines  
\* Engineering Branch 80/02/08 2pp
- 8003200273 Summary of 800110 meeting w/util & Westinghouse re proposal to increase radial peaking factor from 1.86 to 1.93  
Meeting agenda encl  
REEVES, E A Operating Reactors Branch 1 80/02/12 6pp
- 8003190130 Notification of 800220 meeting w/Con Ed, Comm Ed & PABNT in Bethesda, MD to discuss severe accident mitigation features for facilities Proposed agenda encl  
OLSHAN, L Operating Reactors Branch 1 80/02/14 3pp
- 8003190136 Corrected notification of 800220 meeting w/Con Ed, Comm Ed & PABNT in Bethesda, MD to discuss severe accident mitigation features for facilities Starting time has been changed to 9 30 AM  
OLSHAN, L Operating Reactors Branch 1 80/02/19 1p
- 8003120139 Forwards safety evaluation re charging pump induced vibrations  
SCHWENCER, A Operating Reactors Branch 1 80/02/20 2pp
- 8003120144 Safety evaluation re charging pump induced vibrations. Mods acceptable.  
\* Division of Operating Reactors 80/02/19 2pp

# DOCKETED ITEMS

127

B003130320 Summary of B00220 meeting w/utills & NRC re accident mitigation features for facilities  
OLSHAN, L N Operating Reactors Branch 1 80/02/21 4pp

--B003130357 Forwards near site study for facilities in response to NRC 791205 requests for 60 day crash effort  
PEOPLES, D L Commonwealth Edison Co 80/02/19 1p

--B003130364 "Indian Point & Zion Near Site Study"  
\* Commonwealth Edison Co 80/02/20 73pp

B003030353 Forwards addl responses to Lessons Learned Task Force Category A requirements in response to NRC B00121 requests Includes info re power source for pressurizer heaters & subcooling indications  
PEOPLES, D L Commonwealth Edison Co 80/02/22 16pp

B003130014 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENGER, A Operating Reactors Branch 1 80/02/25 2pp

B003270346 Summary of B00222 telcon w/NRC re B00219 ltr concerning factor of safety on shell type expansion anchors on safety-related piping sys  
PEOPLES, D L Commonwealth Edison Co 80/02/29 2pp

B003130453 Requests withdrawal of 760129 license amend request re protective instrumentation drift More detailed study needed  
PEOPLES, D L Commonwealth Edison Co 80/03/03 1p

B003130393 Forwards addl info for NRC review of facility near-site study Includes necessary data for concrete to reinforcing steel weight ratios & FSAR, Sections 5.1-4.4, 4.5 & 4.1-4  
NAUGHTON, W F Commonwealth Edison Co 80/03/04 7pp

B003180358 Forwards revised Pages 158 & 159 for auxiliary feedwater sys Tech Specs, reflecting editorial corrections & reformatted surveillance & testing requirements per 791231 amend request  
NAUGHTON, W F Commonwealth Edison Co 80/03/12 2pp

--B003180359 Revised Pages 158 & 159 for auxiliary feedwater sys Tech Specs, reflecting editorial corrections & reformatted surveillance & testing requirements per 791231 amend request  
\* Commonwealth Edison Co 80/03/12 3pp

B003180345 Responds to B00223 request for info re existing primary coolant sys pressure isolation Valves  
NAUGHTON, W F Commonwealth Edison Co 80/03/14 3pp

B003210505 Forwards addl info for containment purge & venting sys in response to NRC B00109 request All instrumentation needed to initiate engineered safety features is designated as safety-related equipment  
NAUGHTON, W F Commonwealth Edison Co 80/03/17 4pp

B003240357 Submits addl response to NRC requirements for auxiliary feedwater sys Results of temp analysis in turbine areas conclude that safety equipment not degraded to prevent safe shutdown  
NAUGHTON, W F Commonwealth Edison Co 80/03/18 2pp

B003270502 Forwards addl info re auxiliary feedwater sys flow requirements in response to NRC 790918 request Auxiliary feedwater sys is relied on to prevent core damage & sys overpressurization in event of transients  
NAUGHTON, W F Commonwealth Edison Co 80/03/18 15pp

B003200697 Responds to NRC B00225 & 0314 requests for site specific & generic info re facility turbine discs Forwards affidavit & nonproprietary version Proprietary version withheld (ref 10CFR2.790)  
NAUGHTON, W F Commonwealth Edison Co 80/03/19 46pp

Q Inspection reports, IE Bulletins & correspondence

B003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/01/31 1p

B003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/01 1p

B003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type 11, Two-Inch, Tray Absorber Cells" Action required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/06 1p

B00310092 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/08 1p

B003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/08 1p

B003310414 Forwards IE Insp Repts 50-295/79-26 & 50-304/79-25 on 791129, 1220, B00103-04 & 10 No noncompliance noted  
FIORELLI, Q Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/13 2pp

--B003310422 IE Insp Repts 50-295/79-26 & 50-304/79-25 on 791129, 1220, B00103-04 & 10 No noncompliance noted Major areas inspected damaged Bergen-Paterson large bore hydraulic snubbers on steam generators  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch YIN, I T Region 3, Chicago, Office of the Director 80/02/07 6pp

B003140481 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D Q Division of Operating Reactors 80/02/25 3pp

B003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/27 1p

B003200076 Forwards responses to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation"  
PEOPLES, D L Commonwealth Edison Co 80/02/28 25pp

B003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/29 1p

B003140321 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment" Response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/29 8pp

B003190452 Requests advance approval of nondestructive examination exemptions requested B00790628 ltr re revised inservice insp program Requests advance approval from performing volumetric examinations on pressure retaining bolts  
PEOPLES, D L Commonwealth Edison Co 80/03/04 2pp

B003180229 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/06 1p

B003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/07 1p

B003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/10 1p

B003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/10 1p

B003260288 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/13, 1p

## DOCKETED ITEMS

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003050624 Forwards radiation exposure rept for 1979, constituting Part 2 of operating rept  
WANDKE, N E Commonwealth Edison Co 80/02/04 1p

--8003050632 Radioactive effluents & occupational radiation exposures rept for 1979, constituting Part 2 of operating rept  
\* Commonwealth Edison Co 79/12/31 32pp

8003040404 Forwards corrected monthly operating rept for Jan 1980  
WANDKE, N E Commonwealth Edison Co 80/02/26 1p

--8003040548 Corrected monthly operating rept for Jan 1980  
COOK, J M Commonwealth Edison Co 80/02/26 2pp

8003110473 Forwards monthly operating rept for Feb 1980  
WANDKE, N E Commonwealth Edison Co 80/03/07 1p

--8003110475 Monthly operating rept for Feb 1980  
COOK, J M Commonwealth Edison Co 80/03/07 11pp

#### S Reportable occurrences, LERs & related correspondence

8003130650 PMS-111-80-002 800125, switchboard operator received call suggesting facility should be blown up. Caller allegedly has parts for bomb. Resident inspector received call same day. Increased security employed. No disruption of operation.  
DOMAHUE, J F Region 3, Chicago, Office of the Director 80/01/25 1p

8003170380 Forwards LER 80-002/03L-0  
WANDKE, N E Commonwealth Edison Co 80/02/26 1p

--8003170385 LER 80-002/03L-0 on 800126, at 98% power, operators noticed increasing pressure indication on ref channel. Caused by freezing of instrument root line due to loosened protective covers on air intakes. Covers reinstalled.  
JOHNSON, R Commonwealth Edison Co 80/02/26 1p

8003170284 Forwards LER 80-004/03L-0  
WANDKE, N E Commonwealth Edison Co 80/02/28 1p

--8003170288 LER 80-004/03L-0 on 800128, during normal operation, maint personnel found steam/generator level transmitter 2LT-538 had shifted high by 3.9%. Caused by transmitter drift. Transmitter recalibrated.  
JENKINS, R V Commonwealth Edison Co 80/02/28 1p

8003170299 Forwards LER 80-006/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/03 1p

--8003170303 LER 80-006/03L-0 on 800202, during normal operation, containment vent particulate rad monitor 2 RE-0011 would not respond to check source per manual. Bugging. Apparently caused by detector tube & HWPB natural end of life.  
OST, F Commonwealth Edison Co 80/03/03 1p

8003200420 Forwards LER 80-008/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/07 1p

--8003200425 LER 80-008/03L-0 on 800206, w/unit at 95% power, instrument loop for steam generator pressure indication was being functionally tested. Pressure transmitter 2PT526 was 2.5% out of tolerance. Caused by previous freezing.  
JOHNSON, R Commonwealth Edison Co 80/03/07 1p

8003200401 Forwards LER 80-010/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/11 1p

--8003200407 LER 80-010/03L-0 on 800202, during surveillance of containment vent particulate rad monitor 2 RE-0011, no grab sample was drawn for second shift. Caused by misunderstanding between operating & radiation protection personnel.  
OST, F Commonwealth Edison Co 80/03/11 1p

8003200387 Forwards LER 80-011/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/13 1p

--8003200392 LER 80-011/03L-0 on 800224, while operating at 95% power, monthly surveillance requiring performance testing of MSIV was performed two days late. Caused by incorrect date recorded on schedule. Testing performed.  
DEAN, W J Commonwealth Edison Co 80/03/13 1p

8003260598 Forwards LER 79-055/03L-0  
WANDKE, N E Commonwealth Edison Co 80/03/14 1p

--8003260607 LER 79-055/03L-0 on 791004, while operating at 91% reactor power, incore detector panel & axial power distribution monitoring sys panel lost power. Caused by failure of 9KVA 480/120 volts alternating current transformer on MCC 2331C.  
DEAN, W J Commonwealth Edison Co 80/03/14 1p

#### DOCKET 50-305 KEWAUNEE NUCLEAR POWER PLANT

##### F Security, medical, emergency & fire protection plans

8003280048 Requests addl info identified in encl further revising util 800104, safeguards contingency plan within 30 days. Encl withheld (ref 10CFR2.790).  
SCHWENCER, A Operating Reactors Branch 1 80/03/06 2pp

##### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109.  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis."  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060640 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown. No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations.  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003140185 Advises of adequacy of repair program, nondestructive insp & leakage testing performed to ensure maintaining integrity of feedwater piping until recommendations of owners group & NRC study group have been evaluated. Safety analysis encl.  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 6pp

8003130046 Notifies of data indicating fission gas release rate from LMR fuel pellets increases w/burnup. No licensing action required for C-E or Exxon fueled PWRs. Users of Westinghouse fuel must quantify burnup if new design criteria violated.  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 3pp

8003180494 Provides addl info re Lessons Learned Task Force short-term implementation as res lt of 800305 meeting w/NRC & subsequent telcons. Discusses alternate sample acquisition technique requiring installation of small steel tube.  
MATHEWS, E R Wisconsin Public Service Corp 80/03/14 2pp

8003250449 Forwards proprietary & nonproprietary versions of responses to site-specific questions in NRC 800225 request for info re turbine disc integrity in Westinghouse reactors. Proprietary version withheld (ref 10CFR2.790).  
MATHEWS, E R Wisconsin Public Service Corp 80/03/18 41pp

8003280463 Discusses application of WASH-1400, "Reactor Safety Study," to facility in response to NRC 800223 ltr identifying sys which contribute to risk of core meltdown. Study does not adequately consider features of specific plant designs.  
MATHEWS, E R Wisconsin Public Service Corp 80/03/18 2pp

8003260643 Advises of calculational error in XN-NF-77-40, XN-NF-78-35 & XN-NF-79-4 analyses of steam line breaks for reactors. Error did not affect results of calculation re safety-related parameters.  
OWSLEY, G F Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/03/17 1p

# DOCKETED ITEMS

129

8003270376 Forwards originals of documents sent 800318 re cracking in low pressure turbine discs Forwards corrected Page 25 of proprietary version of App A, previously submitted Page withheld (ref 10CFR2 790)  
MATHEWS, E R Wisconsin Public Service Corp 80/03/21 8pp

## G Inspection reports, IE Bulletins & correspondence

8003250055 Forwards IE Insp Rept 50-305/79-20 on 791203-07 & notice of violation  
BAVIA, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/01/30 2pp

--8003250058 Notice of violation from insp on 791203-07  
\* Region 3, Chicago, Office of the Director 80/01/18 1p

--8003250066 IE Insp Rept 50-305/79-20 on 791203-07 Noncompliance noted review of LER 79-019/04T-0 indicated that licensee discharged waste neutralizing tank batch of nonradioactive solids on 7/0707 w/incremental concentration of 2.429 mg/l  
OESTHAKN, M J, ESSIG, T H Region 3, Chicago, Office of the Director 80/01/18 10pp

8003140475 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/01/31 1p

8003190046 Forwards IE Circular 77-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/01/31 1p

8003120199 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/01 1p

8003140256 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/06 1p

8003110153 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required.  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/08 1p

8003190376 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components. " No written response required.  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/08 1p

8003280241 Forwards IE Insp Rept 50-305/80-01 on 800108-11 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch, 80/02/12 2p

--8003280245 IE Insp Rept 50-305/80-01 on 800108-11 No noncompliance noted Major areas inspected, plant operations, nonroutine events & IE bulletin & circular followup.  
CHOULES, N C, NELSON, R L, WARNICK, R F Region 3, Chicago, Office of the Director 80/02/05 4pp

8003140476 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D Q Division of Operating Reactors 80/02/25 3pp

8003120693 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J Q Region 3, Chicago, Office of the Director, 80/02/27 1p

8003120434 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J Q, Region 3, Chicago, Office of the Director 80/02/29, 1p

8003140340 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment." Response required.  
KEPPLER, J Q Region 3, Chicago, Office of the Director, 80/02/29 8pp

8003250211 Forwards response to IE Bulletin 79-27 Loss of any single class IE or non-class IE bus does not affect ability to achieve safe shutdown conditions due to design of instrument & control sys  
MATHEWS, E R Wisconsin Public Service Corp 80/03/03 3pp

8003180252 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/06 1p

8003260197 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/07 1p

8003260521 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/10 1p

8003260560 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/10 1p

8003260421 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/13 1p

8003250130 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/14 1p

8003260279 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003030183 Forwards "Semi Annual Effluent Release Rept, Jul-Dec 1979 "  
MATHEWS, E R Southwestern Public Service Co 80/02/25 1p

--8003030197 "Semi Annual Effluent Release Rept, Jul-Dec 1979 "  
\* Wisconsin Public Service Corp \* Wisconsin Power & Light Co  
\* Madison Gas & Electric Co 80/02/29 31pp

8003050491 Forwards "Annual Operating Rept, 1979 "  
MATHEWS, E R Wisconsin Public Service Corp 80/03/03 1p

--8003050496 "Annual Operating Rept, 1979 "  
\* Wisconsin Public Service Corp \* Wisconsin Power & Light Co  
\* Madison Gas & Electric Co 80/03/03 97pp

## S Reportable occurrences, LERs & related correspondence

8003050458 Forwards LERs 80-005/03L-0 & 80-006/03L-0  
MATHEWS, E R Wisconsin Public Service Corp 80/02/28 1p

--8003050464 LER 80-006/03L-0 on 800202, during steady full power, condensate water storage tank level went below Tech Spec limit Caused by S/O bloutdown during make-up water demineralizer regeneration  
RUITER, Q H Wisconsin Public Service Corp 80/02/27 1p

--8003050467 LER 80-005/03L-0 on 800201, during plant startup, SP125 data, shift instrument channel checks, was not recorded during one shift. Caused by operator error Operators reminded of importance of satisfying requirements  
RUITER, Q H Wisconsin Public Service Corp 80/02/29 1p

8003060559 Forwards LER 80-005/03X-1  
MATHEWS, E R Wisconsin Public Service Corp 80/02/29 1p

--8003060562 LER 80-005/03X-1 on 800131, during IE Bulletin 79-14 insp, discovered that thermal restraint was omitted from RHR sys Caused by error in transferring piping design to const drawings Restraint has been installed  
BAUER, D W, Wisconsin Public Service Corp 80/02/29, 1p

## DOCKETED ITEMS

8003110680 Forwards LER 80-007/03L-0  
MATHEWS, E R Wisconsin Public Service Corp 80/03/06 1p

--8003110682 LER 80-007/03L-0 on 800208, during full power operation, surveillance testing showed steam generator steam flow channel indicating low Transmitter output decreasing Caused by failed strain gage in Barton transmitter  
RUITER, G H Wisconsin Public Service Corp 80/03/07 1p

8003180560 Forwards LER 80-008/03L-0  
MATHEWS, E R Wisconsin Public Service Corp 80/03/10 1p

--8003180564 LER 80-008/03L-0 on 800211, during normal full power operation, w/one of three charging pumps out of svc, one of remaining pumps failed when switched from start to auto position Caused by sticking seal in pump circuit breaker  
RUITER, G H Wisconsin Public Service Corp 80/03/07 1p

8003180636 Advises that LER submitted on 800229 w/incorrect LER number for Item 17 Correct LER number is 79-28 as stated in cover ltr  
MATHEWS, E R Wisconsin Public Service Corp 80/03/14 2pp.

8003260545 Corrects LER submitted on 800229 Cover ltr stated rept number as LER 79-28 Item 17 of rept indicated number as LER 80-05 Correct number is LER 79-28  
MATHEWS, E R Wisconsin Public Service Corp 80/03/14 1p

8003260587 Forwards LERs 80-009/03L-0, 80-010/03L-0, 80-011/03L-0 & 80-012/03L-0  
MATHEWS, E R Wisconsin Public Service Corp 80/03/21 1p

--8003260608 LER 80-009/03L-0 800220, during steady full power operation, leak discovered on discharge of coolant charging pump IC Caused by hairline crack in coolant charging pump discharge manifold due to stress & vibration loads  
RUITER, G H, NALEPKA, D S Wisconsin Public Service Corp 80/03/21 1p

--8003260616 LER 80-010/03L-0 on 800220, while starting SBV sys train A for SP 24-107, damper SBV-10A started to open & then cycled in mid-position, preventing drawing of vacuum in annulus Caused by damper controller setpoint drift  
RUITER, G H, NALEPKA, D S Wisconsin Public Service Corp 80/03/21 1p

--8003260621 LER 80-011/03L-0 on 800220, during steady state normal operation, containment monitoring sys pump R 11/12 indicated high flow & tripped off Caused by high & low flow trip setpoint drift  
RUITER, G H, NALEPKA, D S Wisconsin Public Service Corp 80/03/21 1p

--8003260625 LER 80-012/03L-0 on 800221, while performing SP 109, train D, during step of closing 1B diesel generator breaker, indication was lost & breaker would not close Caused by dirty contacts on closing circuit knife switch  
RUITER, G H, NALEPKA, D S Wisconsin Public Service Corp 80/03/21 1p

8003310311 Forwards LER 80-013/03L-0  
MATHEWS, E R Wisconsin Public Service Corp 80/03/24 1p

--8003310316 LER 80-013/03L-0 on 800223, during performance of PHP 35-9 pulsation damper pressure check & recharge two charging pumps were briefly out of svc simultaneously Caused by personnel error Charging pump A returned to normal lineup  
RUITER, G H, NALEPKA, D S Wisconsin Public Service Corp. 80/03/24 1p

#### DOCKET 50-306 PRAIRIE ISLAND NUCLEAR STATION, UNIT 2

##### I Financial Information

8003240361 Forwards Annual Financial Rept 1979.  
BRUSVEN, A D Northern States Power Co 80/03/18 1p

--8003240364 Annual Financial Rept 1979  
\* Northern States Power Co 80/02/28 40pp

##### J Insurance & Indemnity Information

8003040102 Forwards Endorsement 3 to MAELU Binders XB-37 & Endorsement 3 to NELIA Policies EB-36 & XB-37  
JOHNSON, R G Northern States Power Co. 80/02/26 5pp.

8003040586 Forwards Endorsement 44 to NELIA Policy NF-197 & Endorsement 40 to MAELU Policy MF-68  
JOHNSON, R G Northern States Power Co 80/02/26 3pp

##### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060627 Notices of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENGER, A Operating Reactors Branch 1 79/12/28 1p

8003250401 Forwards request for addl info re containment purge sys & containment venting sys info needed within 30 days  
SCHWENGER, A Operating Reactors Branch 1 80/01/09 3pp

8003280527 Submits update to 791213 ltr re status of investigations into Framatome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003170219 Confirms schedule for 800226 meeting in Minneapolis, MN to discuss regulatory performance of facility  
KEPLER, J O Region 3, Chicago, Office of the Director 80/02/16 1p

8003130044 Notices of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for C-E on Exron fueled PHRs Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENGER, A Operating Reactors Branch 1 80/02/25 3pp

8003140191 Advises that 800131 application re mod of spent fuel storage facility is considered complex issue & requires Class IV fee Requests addl payment  
DIQBS, R M License Fee Management Branch 80/02/29 1p

8003310229 Notification of 800319 meeting w/util in Bethesda, MD to discuss spent fuel pool expansion  
GROTEHUIJIS, M Operating Reactors Branch 1 80/03/12 2pp

8003180552 Forwards 800303 ltr rept to MN Pollution Control Agency on results of special chlorination program, in response to NRC 791102 request  
MAYER, L D Northern States Power Co 80/03/13 30pp

8003190554 Supplements 791231 ltr re Lessons Learned Task Force implementation Includes info re emergency power supply, direct position indication of relief & safety valves & instrumentation for inadequate core cooling  
MAYER, L D Northern States Power Co 80/03/13 56pp

8003190665 Forwards Unit 1 Class IV amend fee for mod of spent fuel storage facility  
MAYER, L D Northern States Power Co 80/03/14 2pp

8003190655 Provides info re primary coolant sys pressure isolation valves, in response to NRC 800223 request No plant procedure revision or equipment mod necessary to increase reliability Diagram encl  
MAYER, L D Northern States Power Co 80/03/17 4pp

8003210530 Forwards addl info re containment purge & vent sys Describes initiation of containment isolation, instrumentation & control sys & radiation monitors Drawings available in Central Files only  
MAYER, L D Northern States Power Co 80/03/17 9pp

8003250298 Forwards info, in response to NRC 800225 request re turbine disc cracking in Westinghouse 1,800 rpm low pressure turbines Westinghouse proprietary version of response withheld (ref 10CFR2 790)  
MAYER, L D Northern States Power Co 80/03/19 100pp

# DOCKETED ITEMS

131

8003260643 Advises of calculational error in XN-NF-77-40, XN-NF-78-35 & XN-NF-79-4 analyses of steam line breaks for reactors Error did not affect results of calculation re safety-related parameters  
GWSLEY, O F Exxon Nuclear Co, Inc (subs of Exxon Corp)  
80/03/19 1p

## G Inspection reports, IE Bulletins & correspondence

8003140469 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190036 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120187 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003130262 Forwards safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping "  
SCHWENGER, A Operating Reactors Branch 1 80/02/06 2pp

--8003130267 Safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Sys Piping "  
\* Office of Nuclear Reactor Regulation 80/02/06 2pp

8003140248 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003200480 Forwards IE Insp Repts 50-282/80-02 & 50-306/80-02 on 800108-10 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/07 2pp

--8003200488 IE Insp Repts 50-282/80-02 & 50-306/80-02 on 800108-10 No noncompliance noted Major areas inspected qualifications, licensee audits, training, radiation protection procedures, advanced planning & preparation for refueling  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch  
DUBRY, N E Region 3, Chicago, Office of the Director 80/01/30 10pp

8003240586 Forwards IE Insp Repts 50-282/79-32 & 50-306/79-26 on 791219-21 & notice of isolation  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/07 2pp

--8003240591 Notice of violation from insp on 791219-21  
\* Region 3, Chicago, Office of the Director 80/01/30 1p

--8003240599 IE Insp Repts 50-282/79-32 & 50-306/79-26 on 791219-21 Noncompliance noted neutralizing tank batch release w/pH greater than 8.5  
ESSIG, T H, OESMANN, M J Region 3, Chicago, Office of the Director 80/01/30 10pp

8003110137 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190468 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003130115 Supplements response to IE Bulletin 79-13 re feedwater piping Examination of feedwater piping to nozzle welds & adjacent pipe & nozzle areas revealed no evidence of cracking  
GILBERT, D E Northern States Power Co 80/02/15 2pp

8003140478 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EIGENHUT, D G, Division of Operating Reactors 80/02/25 3pp

8003120692 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003260295 Ack receipt of 800209 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-282/79-31 & 50-306/79-25 Addl info required re response to Item 1 Encl questions withheld (ref IOCFR2, 790)  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/28 2pp

8003120387 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140331 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180248 Forwards IE Circular 80-03, "Protection From Toxic Gas Cracking " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260190 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260508 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260543 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260313 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250116 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260261 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003040481 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
MAYER, L D Northern States Power Co 80/02/25 1p

--8003040485 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Northern States Power Co 79/12/31 9pp

8003040420 Forwards "Annual Rept on Occupational Exposure for 1979" & "Annual Rept of Changes Tests & Experiments for 1979 "  
MAYER, L D Northern States Power Co 80/02/28 1p

--8003040422 "Annual Rept on Occupational Exposure for 1979 "  
\* Northern States Power Co 79/12/31 2pp

--8003040426 "Annual Rept of Changes Tests & Experiments for 1979 "  
\* Northern States Power Co 79/12/31 13pp

8003170395 Forwards monthly operating repts for Feb 1980  
MAYER, L D Northern States Power Co 80/03/13 1p

--8003170399 Monthly operating repts for Feb 1980  
HUNSTAD, A A Northern States Power Co 80/03/10 8pp

## DOCKETED ITEMS

8003310144 Forwards "1979 Annual Radiological Environ Monitoring Rept 1979"  
WARD, E C Northern States Power Co 80/03/26 1p

--8003310149 "Annual Radiological Environ Monitoring Rept 1979"  
\* Northern States Power Co 80/02/12 46pp

S Reportable occurrences, LERs & related correspondence

8003190451 PNB-III-80-003 on 800218, bomb threat was received by  
switchboard operator Search conducted w/negative results  
CREED, J R, HIND, J A Region 3, Chicago, Office of the Director  
80/02/19 1p

8003110579 Forwards updated LER 80-003/01x  
MAYER, L D Northern States Power Co 80/03/04 1p

--8003110581 Updated LER 80-003/01x-1 on 800109, during eddy current test  
of tubes in Unit 2 steam generators, indications of tube  
degradation were seen Caused by corrosion Several tubes  
plugged & one removed for further examination  
HUNSTAD, A A Northern States Power Co 80/03/06 50pp

8003240417 Forwards LER 80-008/03L-0  
MAYER, L D Northern States Power Co 80/03/20 1p

--8003240421 LER 80-008/03L-0 on 800219, during startup after refueling,  
one steam flow meter on each steam line did not come on  
scale Both transmitters drifted low Caused by zero  
adjustment shift in Barton Model 384 transmitters  
HUNSTAD, A A Northern States Power Co 80/03/20 1p

DOCKET 80-309 MAINE YANKEE ATOMIC POWER PLANT

F Security, medical, emergency & fire protection plans

8003170488 Forwards comments on supplementary items re fire protection  
review for facilities  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/08 6pp

8003170247 Forwards BNL repts re fire protection review Items 3 1 1 &  
3 1 2 Util has agreed to provide ionization-type fire  
detection sys wherever necessary Util response re nozzle  
replacement & hose coverage is acceptable  
MACDOUGALL, E A Brookhaven National Laboratory 79/11/20 3pp

8003130524 Approves licensee 770714, 0514 & 0807 submittals re proposed  
five man brigade shift size in response to NRC 780424  
request Lists other proposals by licensee which are not  
acceptable Requests commitment from licensee within 30 days  
LAINAS, G Plant Systems Branch 80/02/25 6pp

8003050475 Forwards addl info to fire protection review of Item 3 1 5  
re gas suppression sys  
HALL, R E Brookhaven National Laboratory 80/02/28 2pp

H General correspondence

8003050068 Opposes licensing util to disassemble spent fuel rods & add  
more waste storage onsite Portland Press 800124 article  
encl  
MILLER, E Affiliation Unknown 80/01/25 1p

8003040023 Advises that copies of correspondence originated by Div of  
Operating Reactors re Facility will be forwarded in response  
to 800111 ltr. Advises contact w/util to obtain documents  
filed w/NRC  
REID, R W Operating Reactors Branch 4 80/02/14 1p

8003040063 Advises that counsels for Sensible ME Power have been added  
to NRC mailing list for correspondence re Facility in  
response to 800111 request  
REID, R W Operating Reactors Branch 4 80/02/14 1p

8003190118 Discusses ES Miller 800119 ltr to NRC re waste storage  
Facility Util has informed Miller that NRC has received  
State of ME emergency plan & util emergency plan. Public  
meeting will be forum for specific concerns of residents.  
QAMMILL, W P Assistant Director for Operating Reactor Projects (Pre  
791030) 80/02/25 1p

--8003190123 Forwards two newspapers articles re NRC mistake in  
interpretation of application for license amend. Opposes  
addition of waste storage facility. Workable evacuation plan  
for plant vicinity is impossible.  
MILLER, E S, Sensible Maine Power, 80/01/19 3pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POHERS, D A Core Performance Branch 79/11/30 106pp

8003100146 Responds to Technical Assistance Request 7191 re steam  
generator water hammer Safety evaluation & consultant rept  
encl Water hammer unlikely  
LAINAS, G Plant Systems Branch 80/01/17 3pp

--8003100151 Safety evaluation re steam generator water hammer at  
Facility Water hammer unlikely  
\* Plant Systems Branch 79/12/31 4pp

--8003100155 "Steam Generator Water Hammer Technical Evaluation for  
Facility" E&O 791213 ltr to ID Operations Ofc, DOE, encl  
\* E&O, Inc 79/12/31 10pp

8003130249 Forwards revised ETS (non radiological) for facility,  
replacing limiting conditions w/reporting requirements &  
NPDES refs  
LEAR, G Environmental Specialists Branch 80/02/06 2pp

--8003130254 Revised ETS (nonradiological) for facility  
\* Maine Yankee Atomic Power Co 80/02/05 16pp

8003190383 Discusses LWR fuel pellet fission gas release rate No  
immediate licensing action required  
REID, R W Operating Reactors Branch 4 80/02/25 2pp

8003040606 Discusses low power steam line break Correct positioning of  
feedwater regulating bypass valves to limit post trip  
feedwater flow will be verified during Cycle 5 startup test  
program Revised steam line break analysis will be provided  
MOODY, D E Maine Yankee Atomic Power Co 80/02/26 2pp

8003040432 Forwards response to NRC 800128 ltr requesting addl info re  
modified spent fuel pin storage Conclusion re personnel  
exposure not adversely affected by varying radiation levels  
in spent fuel pool  
ORCE, R H Maine Yankee Atomic Power Co 80/02/28 10pp

8003050365 Advises that site steam generator sliding bases have been  
heat treated, changing facility ranking from Class I to  
Class II susceptibility per NUREG-0977 w/o encl C-E ltr  
BIEMILLER, E C Maine Yankee Atomic Power Co 80/02/28 2pp

8003040193 Forwards "Auxiliary Power Sys Voltage Study"  
ORCE, R H Maine Yankee Atomic Power Co 80/02/29 2pp

--8003040197 "Auxiliary Power Sys Voltage Study"  
JOHNSON, P R, URBANDHSKI, S F Maine Yankee Atomic Power Co  
YAEC-1204 80/02/29 38pp

8003120975 Submits comments on NUREG-0630 re temp ramp rate calculation  
for cladding swelling & rupture models Discrepancies in  
rates demonstrate need to focus on design specs & measurement  
techniques for data base Continuing evaluation required  
VANDENBURGH, D E Yankee Atomic Electric Co 80/02/29 4pp

8003190378 Forwards list of items requiring further action based on NRC  
800227 site visit to review implementation of Lessons  
Learned Task Force Category A requirements Participation in  
B&W qualification program must be documented  
REID, R W Operating Reactors Branch 4 80/02/29 5pp

8003110001 Outlines current status re evaluation of asymmetric LOCA  
loads Util evaluated consequences of hypothetical reactor  
coolant pipe rupture No loss in structural integrity of  
essential components & supports would occur  
ORCE, R H Maine Yankee Atomic Power Co 80/03/04 4pp

8003110448 Provides info re loss of offsite power at facility in  
response to NRC 791127 request Facility has experienced no  
complete or partial loss of offsite power during eight yrs  
of operation Describes offsite power sys & 780831 event  
ORCE, R H Maine Yankee Atomic Power Co 80/03/04 4pp

# DOCKETED ITEMS

133

8003120463 Outlines current status of evaluation of asymmetric LOCA loads. Plant safety has been adequately demonstrated & safety issues re RCS pipe rupture resolved. Forwards evaluation rept on LOCA loadings.  
GRDCE, R H Maine Yankee Atomic Power Co 80/03/04 4pp

--8003120466 "Evaluation of LOCA-Related Loadings on RCS Components, Supports & Piping," preliminary rept  
ROUDENKO, A V ; WHITE, R E Maine Yankee Atomic Power Co 80/03/06 31pp

8003240119 Opposes NRC 800208 Amend 47 & proposed substitute App B to ETS re discharge of NRC/EPA responsibilities. Util 750627 proposed ETS are more appropriate than substitute Tech Specs. Forwards Pages 1 0-1 & 1 1-1 of ETS  
GARRITY, J H Maine Yankee Atomic Power Co 80/03/07 4pp

--8003240122 Pages 1 0-1 & 1 1-1 of ETS for facility re water quality limits  
\* Maine Yankee Atomic Power Co 80/03/07 2pp

8003270172 Forwards Amend 48 to License DPR-36, safety evaluation & notice of issuance & availability  
REID, R W Operating Reactors Branch 4 80/03/07 2pp

--8003270178 Amend 48 to License DPR-36, supporting operation at full rated power during Cycle 5  
REID, R W Operating Reactors Branch 4 80/03/07 15pp

--8003270182 Safety evaluation supporting Amend 48, to License DPR-36  
\* Office of Nuclear Reactor Regulation 80/03/07 20pp

--8003270188 Notice of issuance & availability of Amend 48 to License DPR-36  
REID, R W Operating Reactors Branch 4 80/03/07 2pp

8003170184 Responds to request for more info re perforated fuel rods. Insp repair program adequate to identify all failed fuel assemblies. Probably caused by external corrosion associated w/crud deposition. C-E rept due 800331  
GRDCE, R H Maine Yankee Atomic Power Co 80/03/10 4pp

8003270204 Forwards NRC safety evaluation concluding that acceptable precautions are being taken to minimize occurrence of water hammer in feedwater piping sys  
REID, R W Operating Reactors Branch 4 80/03/12 2pp

--8003270205 Safety evaluation concluding that acceptable precautions are being taken to minimize occurrence of water hammer in feedwater piping sys  
\* Office of Nuclear Reactor Regulation 80/03/12 3pp

8003280614 Forwards request for addl info re electrical override/bypass aspects of containment purge sys info in FSAR & util 781228, & 791210 & 12 ltrs are insufficient to determine if listed requirements for safety signals are met  
REID, R W Operating Reactors Branch 4 80/03/12 4pp

8003200502 Discusses review of sys which might have valve configurations leading to Event 5 accidents. Low pressure safety injection sys has configuration in question. Lists steps to be taken to decrease probability of Event 5  
JOHNSON, W P Maine Yankee Atomic Power Co 80/03/13 2pp

8003200638 Forwards proprietary results of insp of keyway & disc bore areas of low pressure turbine rotors, in response to NRC 800225 ltr. Proprietary version withheld (ref 10CFR2.790)  
JOHNSON, W P Maine Yankee Atomic Power Co 80/03/19 40pp

8003280401 Forwards 800107 ltr which NRC never received, in response to NRC 791109 & 27 ltrs requesting confirmation of accuracy of info provided by C-E re fuel clad swelling & rupture evaluations  
GRDCE, R H Maine Yankee Atomic Power Co 80/03/21 1p

--8003280407 Responds to NRC 791109 & 27 ltrs requesting confirmation of accuracy of info provided by C-E re fuel clad swelling & rupture  
JOHNSON, W P Maine Yankee Atomic Power Co 80/01/07 2pp

## 0 Inspection reports, IE Bulletins & correspondence

8003060667 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 77/11/29 1p

8003130061 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment".  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003140437 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks. Reply requested within 20 days.  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003240555 Requests notarized statements re util insp of turbine discs for possible crack formation. Statements will enable NRC to decide whether OL should be modified, suspended or revoked.  
IE Info Notice 79-37 w/errata sheet & info request encl  
EISENHUT, D G Division of Operating Reactors 80/02/25 5pp

8003140100 Forwards IE Info Notice 80-06, "Notification of Significant Events". No action required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120459 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking". No response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003140371 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment". Response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003180282 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards". No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180041 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys For Operating Power Plants". No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190259 Forwards IE Info Notice 80-08, "States Co Sliding Link Electrical Terminal Block". No specific action or response requested.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260310 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation". No specific action or response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260431 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks". Action & written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260138 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls". Written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250331 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys". No action or written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260040 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment". No written response required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003170485 Forwards "Effluent & Waste Disposal Semiannual Rept for Jul-Dec 1979".  
GRDCE, R H Maine Yankee Atomic Power Co 80/03/03 1p

--8003170489 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979".  
\* Maine Yankee Atomic Power Co 80/03/03 10pp



## DOCKETED ITEMS

8003170419 Forwards monthly operating rept for Feb 1980  
MOODY, D E Maine Yankee Atomic Power Co 80/03/14 1p

--8003170428 Monthly operating rept for Feb 1980  
BEERS, F C Maine Yankee Atomic Power Co 80/03/12 16pp

#### S Reportable occurrences, LERs & related correspondence

8003120721 RD 80-001/01T during review of steam line break analysis, incorrect assumption utilized in zero or low power steam line break analysis discovered Cause unstated Necessary mods to be implemented prior to startup  
MOODY, E C Maine Yankee Atomic Power Co 80/01/30 1p

8003240614 RD 80-004/01T during routine insp of fuel assemblies being removed from core, failed fuel pins identified Cause undetermined  
MOODY, E C Maine Yankee Atomic Power Co 80/01/31 1p

8003190185 PNO-1-80-030 on 800218, while refueling core w/pool clarity & w/approx 1/3 core in place, problems experienced in seating assembly Assembly placed in core improperly & tilted over Area evacuated  
MARTIN, T, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/19 1p

8003100157 PNO-1-80-031 on 800131, licensee identified nine fuel assemblies containing leaking fuel pins At least two pins appeared to have missing segments Cause not stated Damaged fuel assemblies being replaced  
MARTIN, T, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/21 1p

8003070334 Forwards LER 80-003/03L-0  
MOODY, E C Maine Yankee Atomic Power Co 80/03/01 1p

--8003070337 LER 80-005/03L-0 on 800131, during refueling operation leakage was noted from crack in 3/4-inch drain line on loop 1 safety injection header Cause unknown Lines have been eliminated & associated header penetrations capped.  
FRIZZLE, C D Maine Yankee Atomic Power Co 80/03/01 1p

8003180628 RD 80-006/01T-0 during routine investigation of steam generator level indication channel failure, cause determined to be improper alignment of component following installation of transmitter mod Plant placed in hot shutdown  
MOODY, E C Maine Yankee Atomic Power Co 80/03/12 1p

8003280504 Forwards LER 80-001/01T-1  
MOODY, E C Maine Yankee Atomic Power Co 80/03/21 1p

--8003280507 LER 80-001/01T-1 on 800110, review of steam line break analysis revealed incorrect assumption re feedwater regulating valve bypass valves at low power levels Cause not stated Valves positioned to limit post-trip feedwater flow  
FRIZZLE, C D Maine Yankee Atomic Power Co 80/03/21 2pp

8003310302 Forwards LER 80-006/01T-1  
MOODY, E C Maine Yankee Atomic Power Co 80/03/24 1p

--8003310306 LER 80-006/01T-1 on 800312, routine investigation of steam generator level indication channel failure determined that cause of failure was improper alignment of component following transmitter mod Plant was placed in hot shutdown  
FRIZZLE, C D Maine Yankee Atomic Power Co 80/03/25 2pp

#### DOCKET 80-311 SALEM NUCLEAR GENERATING STATION, UNIT 2

#### A Application/construction stage documents & correspondence

8003270079 Forwards safety evaluation re facility override of containment purge isolation & other engineered safety feature actuation signals. Review concludes mods bring plant into design conformance w/exceptions  
LAINAS, G Plant Systems Branch 80/01/30 2pp

--8003270084 Safety evaluation re facility override of containment purge isolation & other engineered safety feature actuation signals.  
\* Office of Nuclear Reactor Regulation 80/01/30 2pp.

--8003270090 "Electrical Instrumentation & Control Aspects of Override of Containment Purge Valve Isolation & Other Safety Feature Signals," informal rept  
UDY, A C E O & G, Inc FIN A-6256 79/11/30 10pp

8003270085 Advises of status re review of containment purge & vent isolation & actions taken since 790822 meeting Interim position & Laines 800130 memo encl  
ROSS, W J Operating Reactors Branch 1 80/02/14 3pp

--8003270092 Forwards safety evaluation re override of containment purge isolation Mods are acceptable w/three exceptions licensee should provide spring-loaded covers over buttons, provide for sys level annunciation & upgrade radiation monitors  
LAINAS, G Plant Systems Branch 80/01/30 2pp

--8003270095 Safety evaluation, resulting from AD 78-5, re override of containment isolation & other engineered safety feature actuation signals  
\* Power Systems Branch 80/01/30 2pp

8003040188 Notification of 800226 meeting w/utills in Bethesda, MD to discuss addl clarification of NRC requirements in design review of plant shielding & environ qualification of equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 DROMERICK, A W, LICITRA, E A Light Water Reactors Branch 3 80/02/19 9pp

8003260205 Advises of change in review procedures for equipment qualification documentation, per NUREG-0588, "Interim Staff Position on Environ Qualification of Safety-Related Electrical Equipment"  
PARR, D D Light Water Reactors Branch 3 80/02/19 3pp

8003030512 Ack receipt of NRC 800212 ltr re interim solution for single dropped rod event agreed upon between Westinghouse & NRC Will implement solution as requested  
MITTL, R L Public Service Electric & Gas Co of New Jersey 80/02/26 1p

8003120416 Notification of 800303 meeting w/utills in Bethesda, MD to discuss requirements for Fuel loading & low power testing  
LICITRA, E A, DROMERICK, A W Light Water Reactors Branch 3 80/02/29 3pp

8003140054 Forwards "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur" EPA concurrence will be sent by 800307  
LEAR, G Environmental Specialists Branch 80/02/29 2pp

--8003140082 "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur"  
HABINK, N T Division of Site Safety & Environmental Analysis 80/03/31 101pp

8003070381 Forwards control room design review based on human factors methods Areas of possible human engineering improvements include functional demarcation of related elements, labeling, control functions & meters  
MITTL, R L Public Service Electric & Gas Co of New Jersey 80/03/06 17pp

8003270181 Summary of 800303 meeting w/utills in Bethesda, MD re Fuel loading & low power testing requirements for near-term QL applicants  
LICITRA, E A, DROMERICK, A Light Water Reactors Branch 3 80/03/06 4pp

8003250180 Notification of 800310 meeting w/utills in Bethesda, MD to discuss low power testing  
DROMERICK, A W, Light Water Reactors Branch 3 80/03/07 3pp

8003260315 Notification of cancellation of 800310 meeting w/utills in Bethesda, MD to discuss low power testing  
DROMERICK, A W Light Water Reactors Branch 3 80/03/07 1p

8003190465 Ack receipt of 800211 request for addl info re performance of confirmatory tests of some distribution sys & transformers supplying power to vital buses Info requested was previously provided in 791010 ltr Forwards ltr  
MITTL, R L Public Service Electric & Gas Co of New Jersey 80/03/13 1p

8003190558 Responds to NRC 790822, 1012 & 19 requests for info re RHR sys & NPBH & RWST capacity Adequate NPBH is available during recirculation phase of small break LOCA Factor of 1.84 will assure sufficient flow of cooling water to core  
MITTL, R L Public Service Electric & Gas Co. of New Jersey 80/03/13 20pp

8003310143 Summary of 800225 meeting w/utill in Bethesda, MD re RWST capacity & NPBH for ECCS pumps Applicant was requested to respond w/addl info by 800310 before completing review  
LICITRA, E A Light Water Reactors Branch 3 80/03/13 2pp

# DOCKETED ITEMS

135

B003190473 Ack receipt of NRC B00131 ltr providing satisfactory evaluation of proposed secondary water chemistry control program Forwards revised program incorporating monitoring of steam condensate at effluent of condensate pump  
MITTL,R L Public Service Electric & Gas Co of New Jersey  
80/03/14 5pp

B003210484 Submits info re LWR primary coolant sys pressure isolation valves in response to NRC 800223 ltr Includes info re Event 9 isolation valve configurations Plant procedures revised to increase valve reliability  
LIBRIZZI,F P Public Service Electric & Gas Co of New Jersey  
80/03/14 10pp

B003280426 Requests tests be performed to obtain specific baseline hydraulic data w/reactor core installed & control rod assemblies inserted Data would be basis for determining extent of damage from accident involving core damage  
PARR,D D Light Water Reactors Branch 3 80/03/17 3pp

## F Security, medical, emergency & fire protection plans

B003190496 Forwards Emergency Instruction I-4 3,Revision 5 "Reactor Trip," in response to NRC 790817 request for emergency procedures addressing ATWS events Procedure provides instructions in event automatic trip does not occur  
MITTL,R L Public Service Electric & Gas Co of New Jersey  
80/03/13 1p

--B003190498 Emergency Instruction I-4 3,Revision 5, "Reactor Trip "  
BAILEY,J, CONNOR,C Public Service Electric & Gas Co of New Jersey 80/03/10 8pp

## G Adjudicatory correspondence

7907200433 Urges moratorium on licensing of facility pending resolution of questions re safety of nuclear plants & disposal of wastes, in light of TMI 2  
KRAUS,K Affiliation Unknown 79/07/16 1p

B003070388 Comments on NRC actions re facility licensing Extended delay in OL issuance provided adequate time to grant hearing requested in 790831 petition Commission should review cost/benefit analysis Svc list & B00303 press release encl  
COLEMAN,A C, COLEMAN,E G Affiliation Unknown 80/03/03 3pp

B003110633 Discusses experience in facility proceeding & 791029 meeting in Bethesda,MD re shortnose sturgeon NRC should improve intervenor treatment Expresses opposition to facilities  
COLEMAN,E G, COLEMAN,A C Affiliation Unknown 80/03/05 3pp

B003310491 Requests name removal as atty for Township of Lower Alloways Creek in proceedings  
HORNBER,W C Affiliation Unknown 80/03/10 1p

B003310363 Request for suspension or moratorium on issuance of OL for facility pending conclusion of ASLB hearing on safety of spent fuel storage pool at Unit 1 Notice of appearance of CJ Valore on behalf of intervenor encl  
DORNELSON,S E Lower Alloways Creek, NJ 80/03/25 3pp

## H General correspondence

B003130679 Expresses concern over delay in issuance of OL Urges NRC to proceed w/licensing because plant is not only essential to NJ energy needs but crucial to averting negative economic & political impact of increased importation of foreign oil  
BLISS,J W Affiliation Unknown 80/01/31 2pp

B003040293 Discusses NRC activities since TMI-2 accident & relationship to Salem 2, in response to 790716 ltr NRC has been conducting review of design & operational aspects of nuclear plants Salem 2 license application not halted during this time  
DENTON,H R Office of Nuclear Reactor Regulation 80/02/14 2pp

## J Insurance & indemnity information

B003110498 Forwards certified Endorsements 7 & 37 to NELIA Policy NF-230  
CORREA,M A Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/03/04 3pp

B003110659 Forwards certified Endorsement 38 to NELIA Policy NF-230  
CORREA,M A Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/03/04 2pp

## K Utility Final Safety Analysis Report (FSAR) & amends

B003100140 Forwards amend to FSAR submitted as Amend 43 to CL Consists of 60 replacement pages  
MITTL,R L Public Service Electric & Gas Co of New Jersey  
80/03/06 1p

--B003100143 Amend to FSAR submitted as Amend 43 to CL Consists of 60 replacement pages  
\* Public Service Electric & Gas Co of New Jersey 80/03/06 50pp

## P Operating license stage documents & correspondence

B003140082 "Assessment of Impacts of Salem 3, Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur "  
MARNIK,N T, WILSON,J H Division of Site Safety & Environmental Analysis 80/03/31 101pp

B003110592 Concurs w/NRC conclusion that facility operation will not jeopardize continued existence of shortnose sturgeon  
MORALES-SANCHEZ Environmental Protection Agency 80/03/05 2pp

## Q Inspection reports, IE Bulletins & correspondence

B003060721 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER,B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

B003060280 Forwards IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 No noncompliance noted  
BRUNNER,E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/02 2pp

--B003060292 IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 No noncompliance noted Major areas inspected log & record reviews, review of licensee events, followup on IE bulletins & previous insp items  
NORRHOLM,L J, NICHOLAS,H H Region 1, Philadelphia, Office of the Director KEIMO,R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/13 18pp

B003040031 Ack receipt of B00122 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-272/79-28  
BRUNNER,E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/02/07 1p

--B003040038 Forwards IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 & notices of violation & deviation  
BRUNNER,E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/02 2pp

--B003040041 Notice of violation from insp on 791007-1117  
\* Region 1, Philadelphia, Office of the Director 79/12/13 1p

--B003040045 Notice of deviation from insp on 791007-1117  
\* Region 1, Philadelphia, Office of the Director 79/12/13 1p

--B003040051 IE Insp Repts 50-272/79-28 & 50-311/79-35 on 791007-1117 Noncompliance noted failure to follow procedures re valve status & to complete seismic support mods prior to Mode 4 operation  
KEIMIG,R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch RHOADS,G G, NICHOLAS,H H Region 1, Philadelphia, Office of the Director 79/12/13 18pp

B003190927 Ack receipt of B00211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-272/79-31 & 50-311/79-36  
SMITH,G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/23 1p

--B003190954 Forwards IE Insp Repts 50-272/79-31 & 50-311/79-36 on 791113-15 & notice of violation  
SMITH,G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/21 2pp

--B003190962 Notice of violation from insp on 791113-15  
\* Region 1, Philadelphia, Office of the Director 80/01/04, 3pp.

## DOCKETED ITEMS

--8003190975 IE Insp Repts 50-272/79-31 & 50-311/79-36 on 791113-15 Noncompliance noted failure to provide document control & to provide adequate procedures  
THONUS, L H, NIMITZ, R L Region 1, Philadelphia, Office of the Director  
Director STOHR, J P Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/04 11pp

8003140123 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120553 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003180055 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190283 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260360 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260450 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260165 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250361 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260066 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## DOCKET 50-312 RANCHO BGO NUCLEAR GENERATING STATION

## F Security, medical, emergency &amp; fire protection plans

8003190597 Advises that drawings re proposed Class 11 instrumentation routing after mod. submitted 800123, resolves Class 11 instrumentation protection concerns Fire protection status & revised safety evaluation suppl. Section 3 2 3 encl  
LAINAS, O Plant Systems Branch 80/02/12 1p

8003060026 Informs of acceptability of designs for Mod 3 1 22(2) & cable tray firestop, as discussed in 780228 fire protection safety evaluation  
REID, R W Operating Reactors Branch 4 80/02/13 4pp

8003110657 Submits design concept in response to Paragraphs 3 1 27(1) & 3 1 29(2) of 780228 fire protection safety evaluation  
Proposes to wrap channel B cables w/2 inches of Kaowool blanket matl Diagrams encl  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/03 3pp

8003130567 Forwards mods to 781017 design details & diagrams for const of cable tray fire stops in reactor bldg Mod does not affect ability of fire stop to perform function Requests NRC review & approval  
MATTHEW, J J Sacramento Municipal Utility District 80/03/07 3pp

8003310370 Discusses util design mods associated w/NRC 780228 fire protection safety evaluation Util 800208 mod to metal panels above fire doors, 800207 proposed design for monitoring fire door position & 800130 mod to shutdown cabling acceptable  
REID, R W Operating Reactors Branch 4 80/03/11 4pp

8003280023 Notifies that revised cable tray fire stop design proposed in util 800302 ltr  
REID, R W Operating Reactors Branch 4 80/03/13 3pp

8003260410 Forwards updated 1979-1980 engineering & const schedule re physical protection sys per Stello 781005 request Encl withheld (ref 10CFR2 790)  
MATTHEW, J J Sacramento Municipal Utility District 80/03/19 1p

## G Adjudicatory correspondence

8003190048 Response to NRC interrogatories, complying w/ASLB 800122 order re NRC motion to compel Friends of the Earth answers Includes statements re long-term mods, facility mgt competence & nonlicensed personnel Certificate of Svc encl  
REMY, M H, VANDERVELDE, M Friends of the Earth 80/02/01 10pp

8003280300 Advises that H Lewis testimony filing will be delayed Delay should not bring filing within 17 days of appearance  
ELLISON, C California, State of 80/02/07 2pp

8003040068 Supplemental response to NRC 800124 answers to Friends of the Earth first set of interrogatories Describes controlled filtered venting sys Summary of past TMI safety improvements, affidavit & Certificate of Svc encl  
LEWIS, S H Hearing Branch 2 80/02/15 41pp

8003030022 Response in opposition to Part II of ASLB 800214 prehearing conference order denying licensee 800124 motion for summary disposition re CA Energy Commission Contention 5-2 If affirmed, urges deferral of testimony w/Certificate of Svc  
BAXTER, T A, LARSON, L K Sacramento Municipal Utility District  
BAXTER, T A Shaw, Pittman, Potts & Trowbridge 80/02/19 7pp

8003060503 Prepared direct testimony before ASLB re natural circulation cooling Certificate of Svc encl  
LEWIS, H W California, Univ of, Santa Barbara 80/02/19 16pp

8003040674 Submits names of 17 citizens desiring to speak in support of facility  
COMBATALADE, E Affiliation Unknown 80/02/20 2pp

8003050048 Response by CA Energy Commission in opposition to licensee objection to ASLB prehearing conference order, Part II Urges denial of alternative request seeking postponement of testimony, due to agreed upon schedule w/Certificate of Svc  
ELLISON, C, LAMPHIER, L C California, State of 80/02/21 3pp

8003070340 Testimony re containment overpressurization protection, in response to CA Energy Commission Issue 5-2 Containment bldg meets general design criteria established per 10CFR50, App A Prof qualifications encl  
GREENE, T A Containment Systems Branch 80/02/29 9pp

--8003070341 Testimony re containment overpressurization protection, in response to CA Energy Commission Issue 5-2 Recommends that issue be sub j of rulemaking Prof qualifications encl  
MEYER, J F Advanced Reactors Branch 80/02/29 11pp

8003130165 Forwards NRC testimony by TA Greene & JF Meyer on containment overpressurization protection, in response to CA Energy Commission Issue 5-2  
HOEFLING, R G Hearing Branch 4 80/03/04 1p

8003190642 Forwards TA Greene & JF Meyer testimonies on CA Energy Commission Issue 5-2 re containment overpressurization protection.  
LEWIS, S H Hearing Branch 2 80/03/11 1p

8003190884 Expresses apology for double transmittal of NRC testimony on CA Energy Commission Issue 5-2 Second transmittal differs from first by typographical corrections  
LEWIS, S H Hearing Branch 2 80/03/13 1p

8003270067 NRC testimony re ASLB Question 16 concerning integrated control sys Only small number of sys malfunctions resulted in reactor trip Further action will be determined in light of encl ORNL rept Prof qualifications encl  
THATCHER, D F Electric, Instrumentation & Control Systems Branch 80/03/25 10pp

# DOCKETED ITEMS

137

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

8003250590 Discusses safety assurances required by NRC & May 1979 shutdown of Facility due to deficiencies perceived in light of TMI response to encl 791111 ltr to President Carter DOE  
791228 ltr also encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/10 3pp

## J Insurance & indemnity information

8003040578 Forwards Endorsement 43 to NFIA Policy NF-212  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/22 2pp

## P Operating license stage documents & correspondence

7906250101 Requests assessment of safety of continued operation of B&W reactor based on performance of relief & safety valves, performance of HPI pumps, reliability of auxiliary feedwater & core cooling in natural circulation  
ROSS, D Division of Project Management 79/03/08 2pp

8001030044 Forwards request for addl info re automatic trip circuitry for reactor coolant pump motors Info needed prior to design acceptability ltr transmitted to utility responsible for Ocone, Crystal River, TMI, Davis-Besse & AK 1  
REID, R W Operating Reactors Branch 4 79/12/18 6pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003190717 Forwards maps indicating low population zones for facilities in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

--8003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of 80/01/07 1p

8003140323 Responds to 791003 request to amend facility Tech Specs permitting operation w/fuel loading planned for Cycle 4 Addl info necessary to continue review Response required by 800215  
REID, R W Operating Reactors Branch 4 80/02/11 5pp

8003100021 Notification of 800221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analysis-Generic Rept for Plants w/B&W Reactors"  
CAPRA, R A Standardization Branch 80/02/13 1p

8003100142 Forwards Auxiliary Sys Branch position re auxiliary feedwater sys & request for addl info as part of followup to B&W 1979 plant shutdown orders  
MATTHEWS, P R Auxiliary Systems Branch 80/02/19 20pp

8003040412 Forwards "Small Break w/Failed Power Operated Relief Valve," in response to NRC 790821 ltr Small breaks in primary sys will not cause repressurization to setpoint unless all feedwater is lost to steam generator  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/21 1p

--8003040414 "Small Break w/Failed Power Operated Relief Valve"  
\* Sacramento Municipal Utility District 80/02/21 13pp

8003040524 Forwards addl info requested by NRC 800123 ltr re electrical override/bypass aspects of containment purge sys Drawing available in Central Files only  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/22 4pp

8003190729 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22, 1p

8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

8003190016 Summary of 800212 & 791129 meetings w/licensee in Bethesda, MD re long-term upgrading requirements for site auxiliary feedwater sys  
CAPRA, R A Standardization Branch 80/02/23 10pp

8003120774 Forwards comments & requirements for continued facility auxiliary feedwater sys upgrade Commitment to provide requested info &/or design mods must be within 15 days  
REID, R W Operating Reactors Branch 4 80/02/26 23pp

8003050518 Forwards revised response to Question 1 in NRC 800211 request for addl info on Cycle 4 reload Agrees to provide comparison between measured & calculated power distribution  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/27 2pp

8003100032 Forwards containment purge sys schematic drawings, inadvertently omitted from 800222 ltr Drawings available in Central Files only  
\* Sacramento Municipal Utility District 80/03/03 1p

8003120557 Requests concurrence w/analysis of snubber failures during 1978-1980, within Tech Specs, Section 4.14.4 requirements Failure of Bergen-Paterson units due to marred poppets or bent or broken poppet strings  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/03 1p

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003120470 Requests withdrawal of 800201 request for continuation of exemption from code requirements Addl dc motors used to replace motors on high pressure injection valve operators are onsite & ready for installation  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/04 1p

8003250573 Responds to NUREG-0578 re addl instrumentation necessary for monitoring inadequate core cooling Existing instrument indications provide multiple capabilities to detect inadequate core cooling  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/05 2pp

8003240354 Discusses periodic testing & continuous surveillance program for areas where Event 5 valve configuration exists within high pressure piping connecting RCS to low pressure sys piping  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/12 7pp

8003280650 Notification of 800327 meeting w/util & B&W in Bethesda, MD to discuss program objectives & schedule for lead test assemblies using U tailings in top & bottom sections of fuel rods  
SANDS, S Reactor Safety Branch 80/03/14 1p

8003270007 Refunds Class III fee due to withdrawal of 800201 application re exemption from 10CFR50.46 until improvements to ECCS were made  
MILLER, W D License Fee Management Branch 80/03/18 1p

8003310359 Responds to NRC 800226 ltr re requirements for continued upgrade of auxiliary feedwater sys Util will update auxiliary feedwater reliability study & will submit new Tech Specs by 800301  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/18 4pp

8003210439 Forwards site-specific info re insp, operation & matl composition of low pressure turbines in response to NRC 800225 ltr Certain Westinghouse identified info withheld (ref 10CFR2.790).  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/19, 43pp

8003260526 Responds to NRC questions re actions which allow operator to cope w/combinations of loss of instrumentation & control functions, Answers addressed in 800312 rept.  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/21 2pp

## DOCKETED ITEMS

800326045 Forwards Westinghouse application & affidavit for withholding proprietary info provided in util 800319 response to NRC 800225 request for site-specific info  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/21 8pp

8003280941 Informs that mods to ECCS will be complete by 800327 All necessary procedures have been changed & operator training completed on 800319 Testing & installation will be completed prior to achieving criticality at end of refueling outage  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/21 1p

8003280954 Responds to NRC 800225 request for info re turbine disc integrity in operating Westinghouse nuclear low pressure turbines Agrees w/responses to generic questions detailed in Westinghouse 800314 ltr  
MATTIMOE, J J Sacramento Municipal Utility District 80/03/21 1p

G Inspection reports, IE Bulletins & correspondence  
-----

8003120497 Responds to IE Bulletin 79-25 Response to IE Bulletin 76-02 in 1976 indicated that relays were not in use at facility Relays not installed nor planned for installation  
MATTIMOE, J J Sacramento Municipal Utility District 79/11/26 1p

8003100029 Responds to IE Bulletin 79-17, Revision 1, "Pipe Cracks in Stagnant Borated Water Sys at PWR Plants " Util plans to inspect applicable sys during refueling outage scheduled for Jan 1980  
MATTIMOE, J J Sacramento Municipal Utility District 79/11/28 1p

8003060215 Responds to IE Bulletin 79-02, Revision 2 re pipe support base plate designs using concrete expansion anchor bolts Of 183 supports covered by bulletin, 61 inaccessible during power operation All testing will be completed by 800304  
MATTIMOE, J J Sacramento Municipal Utility District 79/12/07 2pp

8003060033 Forwards supplemental info resulting from insp program per IE Bulletin 79-02 re design & installation procedures for concrete expansion anchor bolts used in pipe support baseplates Of 293 anchors tested, 81 discrepancies found  
MATTIMOE, J J Sacramento Municipal Utility District 79/12/21 3pp

8003070011 Forwards IE Insp Rept 50-312/79-28 on 791203-19 No noncompliance noted  
CRENS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--8003070014 IE Insp Rept 50-312/79-28 on 791203-19 No noncompliance noted Major areas inspected normal operations, physical security, training & followup on previously identified items  
FAULKENBERRY, B Region 5, San Francisco, Reactor Operations Nuclear Support Branch CARTER, H L Region 5, San Francisco, Office of the Director 80/01/24 6pp

8003110300 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/08 1p

8003280059 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Power sources, control room alarm indication, power loads & power loss effects reviewed No design mods proposed  
BOSENWATER, W Sacramento Municipal Utility District 80/02/22 8pp

8003190716 Summary of 791108 meeting w/BMW owners group in Bethesda, MD re responses to IE Bulletin 79-05C  
CAPRA, R A Standardization Branch 80/02/24 11pp

8003140440 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D O Division of Operating Reactors 80/02/25 3pp

8003240555 Requests notarized statements re util insp of turbine discs for possible crack formation Statements will enable NRC to decide whether OL should be modified, suspended or revoked  
IE Info Notice 79-37 w/errata sheet & info request encl  
EISENHUT, D O Division of Operating Reactors 80/02/25 5pp,

8003120652 Act receipt of 800128 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-312/79-25  
CRENS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/02/26 1p

--8003120658 Responds to NRC ltr re violation noted in IE Insp Rept 50-312/79-25 Corrective actions training program will be initiated to acquaint engineering personnel of reporting requirements  
MATTIMOE, J J Sacramento Municipal Utility District 80/01/28 2pp

--8003120663 Forwards IE Insp Rept 50-312/79-25 on 791101-30 & notice of violation  
CRENS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/04 2pp

--8003120665 Notice of violation from insp on 791101-30  
\* Region 5, San Francisco, Office of the Director 80/01/04 1p

---8003120672 IE Insp Rept 50-312/79-25 on 791101-30 Noncompliance noted plant incidents & LER followup & reporting  
CARTER, H L Region 5, San Francisco, Office of the Director  
FAULKENBERRY, B Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/04 8pp

8003120286 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140310 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 7pp

8003270106 Responds to IE Bulletin 79-01B re qualification of equipment required to function under postulated accident conditions  
Submits master list of equipment, sys component evaluation worksheet & accident & test profiles  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/03 208pp

8003180224 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/06 1p

8003140380 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180021 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180118 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260573 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003140218 Forwards info re facility 800226 reactor trip in response to NRC 800306 request & IE Bulletin 79-29 Rept addressees each item discussed  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/12 18pp

8003260397 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003280161 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260353 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

139

## R Periodic operating reports & related correspondence

8003110589 Forwards "Radiation Exposure, Environ Protection, Effluent & Waste Disposal 1979 Annual Rept "  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/29 1p

--8003110591 "Radiation Exposure, Environ Protection, Effluent & Waste Disposal 1979 Annual Rept "  
\* Sacramento Municipal Utility District 80/02/29 150pp

8003170382 Forwards monthly operating rept for Feb 1980  
RADRIQUEZ, R J Sacramento Municipal Utility District 80/03/07 1p

--8003170386 Monthly operating rept for Feb 1980  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/29 9pp

## S Reportable occurrences, LERs & related correspondence

8003170440 RO one tube on steam generator Unit A & two tubes on Unit B degraded Corrective action underway  
CUBRE, R P Sacramento Municipal Utility District 80/02/19 1p

8003040569 RO 80-11 on 800219, util reported degradation of once-through steam generator. Tube degradation discovered during insp Occurrence reported incorrectly Appropriate rept will be submitted within correct time frame  
RODRIGUEZ, R J Sacramento Municipal Utility District 80/02/25 1p

8003040608 Forwards LER 80-007/03L-0  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/25 3pp

--8003040619 LER 80-007/03L-0 on 800125, refueling cycle hydraulic snubber testing program revealed seven failed units Caused by broken springs, worn poppets & seats & worn O rings Defective parts replaced & retested  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/25 1p

8003170445 RO once-through steam generator tubes found degraded during recent insp Occurrence does not fall into "immediate notification, 14-day followup rept" category Addl repts will be submitted within appropriate time frame  
RODRIGUEZ, R J Sacramento Municipal Utility District 80/02/25 1p

8003060557 Forwards LER 80-008/03L-0  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/26 1p

--8003060560 LER 80-008/03L-0 on 800203, during routine tour of reactor bldg, U bolt bracket found missing on pipe support 1-G-260B5-1 Probably caused by removal during some past maint evolution or during const  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/26 1p

8003060583 Forwards followup LER 79-020/03L-1  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/26 1p

--8003060587 Followup LER 79-020/03L-1 on 791207, during routine insp discovered leak on socket weld attaching drain valve, BIM-579, to discharge header of MV pump P-236 Caused by previous repair or vibration stress Weld cap installed  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/26 1p

8003110613 Forwards LER 80-010/03L-0  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/28 2pp

--8003110616 LER 80-010/03L-0 on 800213, during refueling, polar crane moved over upender when upenders contained new & irradiated fuel assemblies Caused by personnel ignorance of restrictions in core monitor Handling & disposal revised  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/28 1p

8003110627 Forwards LER 80-009/03L-0  
MATTIMOE, J J Sacramento Municipal Utility District 80/02/28 2pp

--8003110631 LER 80-009/03L-0 on 800207, during function tests of relays in 4,160-volt feeder breakers, contacts SFAX (SFBX) found not wired Caused by discrepancy between design & internal switchgear wiring diagrams No changes necessary  
COLUMBDO, R W Sacramento Municipal Utility District 80/02/28 1p

8003260588 Forwards LER 80-012/03L-0  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/06 2pp

--8003260594 LER 80-012/03L-0 on 800219, diesel generator A failed to start from control room due to piece of metal stuck in relay Caused by recent work in relay panel Metal removed & subsequent start tests successful  
COLUMBDO, R W Sacramento Municipal Utility District 80/03/06 1p

8003280209 PND-V-80-016 on 800305, Region 5 mgt met w/ licensee at site to discuss valve & electrical noncompliance that has rendered portions of HPI sys inoperable Escalated enforcement will be requested 800314  
FAULKENBERRY, B Region 5, San Francisco, Office of the Director 80/03/06 1p

8003260591 Forwards LER 80-013/03L-0  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/07 2pp

--8003260596 LER 80-013/03L-0 on 800218, following biannual insp of diesel generator B, problem w/DC air start sys noted Probably caused by natural end-of-life for flexible synthetic rubber line Line replaced  
COLUMBDO, R W Sacramento Municipal Utility District 80/03/07 1p

8003180566 Forwards LER 80-014/03L-0  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/11 2pp

--8003180574 LER 80-014/03L-0 on 800219, while moving ARIS calibr block, sling failed & 3,000 lb block fell into flange transfer canal Caused by inadequate sling utilized for lift Speed change problem corrected  
COLUMBDO, R W Sacramento Municipal Utility District 80/03/11 1p

8003190556 Forwards LER 80-011/03L-0  
WALBRIDGE, W C Sacramento Municipal Utility District 80/03/11 2pp

--8003190561 LER 80-011/03L-0 on 800201, B&W inservice insp of steam generators found three defective tubes in first sampling Caused by normal wear of generator tubes Addl insp found no other defective tubes Three tubes plugged  
COLUMBDO, R W Sacramento Municipal Utility District 80/03/11 1p

8003180629 RO-80-15 on 800312, during fuel assembly visual insp, defective fuel rod discovered between assembly grid locations 5 & 6 Cause under investigation  
RODRIGUEZ, R J Sacramento Municipal Utility District 80/03/12 1p

## T Hearing transcripts on non-antitrust matters

8003140300 Transcript of 800226 evidentiary hearing in Sacramento, CA Pp 165-279  
BOWERS, E Atomic Safety and Licensing Board Panel BAXTER, T A  
Sacramento Municipal Utility District ELLISON, C California, State of 80/02/26 400pp

8003110276 Transcript of 800227 evidentiary hearing in Sacramento, CA Pp 280-362  
BOWERS, E S Atomic Safety and Licensing Board Panel SCHUSTER, W  
Affiliation Unknown 80/02/27 182pp

8003100236 Transcript of 800228 evidentiary hearing in Sacramento, CA Pp 363-462  
BOWERS, E S Atomic Safety and Licensing Board Panel NOVAK, T M  
Reactor Systems Branch 80/02/28 99pp

8003104593 NRC testimony re CA Energy Commission Contentions 1-1 & 1-12 concerning design basis for safety sys Increased challenges to safety sys may degrade performance & reduce availability Safety concern exists on thermal stress  
RUBIN, M P ; NOVAK, T M Reactor Systems Branch 80/03/01 4pp

## DOCKETED ITEMS

- 8003310459 NRC testimony re ASLB Question 9 & Addl Question 1 concerning direct initiation of reactor trip upon occurrence of off-normal conditions in feedwater sys Prof qualifications encl  
THATCHER, D F Electric, Instrumentation & Control Systems Branch  
80/03/01 10pp
- 8003310469 NRC testimony on bubble formation re ASLB question referring to CA Energy Commission Contention 1-10 & ASLB Question 24 If bubbles prevent adequate natural circulation, core can be adequately cooled in feed operation  
NORIAN, P E Analysis Branch 80/03/01 5pp
- 8003310473 NRC testimony re addl ASLB Question 2 concerning logic for reactor coolant pump trip in small break LOCA Improved understanding of small break LOCA necessary Current understanding assures safe operation W/Prof qualifications  
NORIAN, P E Analysis Branch 80/03/01 8pp
- 8003310478 NRC testimony re ASLB Question 22 concerning adequacy of pressurizer instrumentation Existing instrumentation sufficient for primary coolant evaluation Facility may operate safely until improved instrumentation installed  
NORIAN, P E Analysis Branch 80/03/01 6pp
- 8003310481 NRC testimony re CA Energy Commission Contention 1-4 concerning adequacy of safety & relief valves Valves will not be challenged due to mods made at facility Emergency procedures revised to assure proper response  
NORIAN, P E Analysis Branch 80/03/01 5pp
- 8003190574 Transcript of 800303 evidentiary hearing in Sacramento, CA  
Pp 463-445  
\* Atomic Safety and Licensing Board Panel 80/03/03 184pp
- 8003180293 Transcript of 800304 evidentiary hearing in Sacramento, CA  
Pp 655-629  
\* Atomic Safety and Licensing Board Panel 80/03/04 174pp
- 8003180286 Transcript of 800305 evidentiary hearing in Sacramento, CA  
Pp 830-1006  
\* Atomic Safety and Licensing Board Panel 80/03/05 176pp
- 8003120592 Transcript of 800306 evidentiary hearing in Sacramento, CA  
Pp 1007-1209  
BOWERS, E Atomic Safety and Licensing Board Panel 80/03/06 203pp
- 8003270150 Testimony of MP Rubin & TM Novak (NRC) re design basis for facility safety sys (CEC Contentions 1-1 & 1-2)  
RUBIN, M P, NOVAK, T M Reactor Safety Branch 80/03/12 4pp
- 8003270114 Forwards omitted testimonies of S Corsanico, RA Capra, PR Matthews, TM Novak, DF Thatcher, MP Rubin & PE Norian (NRC employees) for inclusion behind page 1163 of transcript of 800306 proceedings in Sacramento, CA  
CORSANICO, S International Verbatim Reporters, Inc 80/03/12 1p.
- 8003270119 Testimony of RA Capra re implementation of long-term mods established in Commission 790507 order (FOE Contention IIIc) Professional qualifications encl  
CAPRA, R A Standardization Branch 80/03/12 10pp
- 8003270122 Testimony of PR Matthews re adequacy of pressurizer & pressurizer relief tank size, (Board Question 21) Professional qualifications encl  
MATTHEWS, P R Auxiliary Systems Branch 80/03/12 15pp
- 8003270126 Testimony of PR Matthews re reliability & timeliness of emergency feedwater sys (Board Question CEC 1-6) Professional qualification encl  
MATTHEWS, P R Auxiliary Systems Branch 80/03/12 21pp
- 8003270131 Testimony of TM Novak re reconsideration of requirements for automatic & manual safety actions (CEC Issue 5-3a) Professional qualifications encl  
NOVAK, T M Reactor Safety Branch 80/03/12 9pp
- 8003270140 Testimony of MP Rubin & TM Novak re sensitivity of once-through steam generator design MP Rubin professional qualifications encl  
RUBIN, M P, NOVAK, T M Reactor Safety Branch 80/03/12 12pp
- 8003270145 Testimony of MP Rubin & TM Novak (NRC) re acceptability of feedwater transients referenced in NUREG-0560 (FOE Contention IIIa)  
RUBIN, M P, NOVAK, T M Reactor Safety Branch 80/03/12 4pp
- 8003270154 Testimony of DF Thatcher re direct initiation of reactor trip upon occurrence of offnormal conditions in feedwater sys Professional qualifications encl  
THATCHER, D F Electric, Instrumentation & Control Systems Branch 80/03/12 10pp
- 8003270157 Testimony of DF Thatcher re integrated control sys (Board Question 16) Professional qualifications & DRNL rept "Integrated Control Sys Reliability Analysis," & NRC transmittals encl  
THATCHER, D F Electric, Instrumentation & Control Systems Branch 80/03/12 50pp
- 8003270160 Testimony of PE Norian re natural circulation (Board Question CEC 1-2)  
NORIAN, P E Division of Systems Safety 80/03/12 8pp
- 8003270163 Testimony of PE Norian re bubble formation (Board Question CEC 1-10 & 24)  
NORIAN, P E Division of Systems Safety 80/03/12 5pp
- 8003270169 Testimony of PE Norian re logic for reactor coolant pump trip in small break LOCA (addl Board Question 2) Professional qualification encl  
NORIAN, P E Division of Systems Safety 80/03/12 8pp
- 8003270173 Testimony of PE Norian re adequacy of pressurizer instrumentation (Board Question 22)  
NORIAN, P E Division of Systems Safety 80/03/12 6pp
- 8003270174 Testimony of PE Norian re adequacy of safety & relief valves (CEC Contention 1-4)  
NORIAN, P E Division of Systems Safety 80/03/12 5pp
- 8003310003 Forwards transcripts of 800306 testimony re facility  
CORSANICO, S International Verbatim Reporters, Inc 80/03/12 1p
- 8003310004 Testimony of RA Capra of Div of Project Mgt re implementation of long-term mods established in Commission 790507 order, on 800306 in Sacramento, CA Prof qualifications encl  
CAPRA, R A Standardization Branch 80/03/06 10pp
- 8003310005 Testimony of PR Matthews of Div of Sys Safety re adequacy of pressurizer & pressurizer relief tank size, on 800306 in Sacramento, CA Pp 1-13 Ref & professional qualifications encl  
MATTHEWS, P R Auxiliary Systems Branch 80/03/06 15pp
- 8003310007 Testimony of PR Matthews of Div of Sys Safety re reliability & timeliness of emergency feedwater sys, on 800306 in Sacramento, CA Pp 1-19 Refs & professional qualifications encl  
MATTHEWS, P R Auxiliary Systems Branch 80/03/06 21pp
- 8003310009 Testimony of TM Novak of Div of Sys Safety re reconsideration of requirements for automatic & manual safety actions, on 800306 in Sacramento, CA Pp 1-7 Professional qualifications encl  
NOVAK, T M Reactor Systems Branch 80/03/06 9pp
- 8003310012 Testimony of MP Rubin & TM Novak of Div of Sys Safety re sensitivity of once-through steam generator design on 800306 in Sacramento, CA Pp 1-9 Info re auxiliary feedwater sys upgrade & MP Rubin professional qualifications encl  
RUBIN, M P, NOVAK, T M Reactor Systems Branch 80/03/06 12pp
- 8003310015 Testimony of MP Rubin & TM Novak of Div of Sys Safety re acceptability of feedwater transients referenced in NUREG-0560, on 800306 in Sacramento, CA Pp 1-4  
RUBIN, M P, NOVAK, T M Reactor Systems Branch 80/03/06 4pp
- 8003310019 Testimony of MP Rubin & TM Novak of Div of Sys Safety re design basis for safety sys, on 800306 in Sacramento, CA Pp 1-4  
RUBIN, M P, NOVAK, T M Reactor Systems Branch 80/03/06 4pp
- 8003310024 Testimony of DF Thatcher of Div of Sys Safety re direct initiation of reactor trip upon occurrence of offnormal conditions in feedwater sys, on 800306 in Sacramento, CA Pp 1-9 Professional qualifications encl  
THATCHER, D F Electric, Instrumentation & Control Systems Branch 80/03/06 14pp
- 8003310028 Testimony of DF Thatcher of Div of Sys Safety re integrated control sys, on 800306 in Sacramento, CA Pp 1-9 Forwards "Rept Review Integrated Control Sys Reliability Analysis" THATCHER, D F Electric, Instrumentation & Control Systems Branch 80/03/06 10pp

# DOCKETED ITEMS

141

--8003310030 "Rept Review Integrated Control Sys Reliability Analysis "  
ANDERSON, J L , DITTO, S J Oak Ridge National Laboratory  
HENDRICK, R A Science Applications, Inc 80/03/06 4pp

--8003310031 Testimony of PE Norian of Div of Sys Safety re natural  
circulation on 800306 in Sacramento, CA Pp 1-8  
NORIAN, P E Analysis Branch 80/03/06 8pp

--8003310034 Testimony of PE Norian of Div of Sys Safety re bubble  
formation on 800306 in Sacramento, CA Pp 1-5  
NORIAN, P E Analysis Branch 80/03/06 5pp

--8003310037 Testimony of PE Norian of Div of Sys Safety re logic for  
reactor coolant pump trip in small break LOCA on 800306 in  
Sacramento, CA Pp 1-4 Refs & professional qualifications  
encl  
NORIAN, P E Analysis Branch 80/03/06 8pp

--8003310038 Testimony of PE Norian of Div of Sys Safety re adequacy of  
pressurizer instrumentation on 800306 in Sacramento, CA  
Pp 1-6  
NORIAN, P E Analysis Branch 80/03/06 6pp

--8003310040 Testimony of PE Norian of Div of Sys Safety re adequacy of  
safety & relief valves on 800306 in Sacramento, CA Pp 1-5  
NORIAN, P E Analysis Branch 80/03/06 5pp

## DOCKET 90-313 ARKANSAS NUCLEAR ONE, UNIT 1

### F Security, medical, emergency & fire protection plans

8003170072 Requests implementation of addl protective measures for  
cable spreading room NRC position re safe shutdown  
capability encl  
REID, R W Operating Reactors Branch 4 (Pre 791030) 80/02/25 3pp

--8003170073 "NRC Position, Safe Shutdown Capability "  
\* Commission 79/06/17 7pp

8003170147 Forwards revision to safeguards contingency plan Plan  
withheld (ref 10CFR2 790)  
TRIMBLE, D C Arkansas Power & Light Co 80/03/07 1p

8003260398 Responds to NRC 800225 ltr requesting changes to cable  
spreading room deluge & actuation sys Fire prevention &  
detection sys is more than adequate to safely shutdown plant  
in case of fire  
CAVANAUGH, W Arkansas Power & Light Co 80/03/13 3pp

### H General correspondence

8003170049 Responds to 800122 ltr to President Carter requesting info  
re plants w/similar design to TMI-2 Provides list of all  
B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

### P Operating license stage documents & correspondence

8001030044 Forwards request for addl info re automatic trip circuitry  
for reactor coolant pump motors Info needed prior to design  
acceptability Ltr transmitted to utility responsible for  
Dconee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R W Operating Reactors Branch 4 79/12/18 6pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
Fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003100021 Notification of 800221 meeting w/B&W in Bethesda, MD to  
discuss BAW-1584, "Auxiliary Feedwater Sys Reliability  
Analyses-Generic Rept for Plants w/B&W Reactors "  
CAPRA, R A Standardization Branch 80/02/13 1p

8003190925 Ack receipt of 800115 ltr re reactor vessel surveillance  
program required by Tech Specs Due to review requirement  
by NRC, filing subj to fee requirements  
MILLER, W D License Fee Management Branch 80/02/13 1p

8003240548 Discusses 800124 meeting w/util at site re safety impact  
assessment of near-term DL issues per draft NUREG-0660  
Meeting beneficial in identifying safety concerns  
MADSEN, G L Region 4, Dallas, Office of the Director 80/02/13  
1p

8003040290 Discusses ECCS actuation, sys monitoring & reactor bldg  
isolation in response to NRC 800103 request Sufficient  
physical features are provided to facilitate adequate  
administrative control  
TRIMBLE, D C Arkansas Power & Light Co 80/02/22 3pp

8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to  
discuss small break operating guidelines  
CAPRA, R A Standardization Branch 80/02/22 1p

8003101033 Notification of cancellation of 800313 meeting w/B&W in  
Bethesda, MD to discuss small break LOCA operating  
guidelines  
CAPRA, R A Assistant Director for Standard & Advanced Reactors  
80/02/22 1p

8003040262 Responds to NRC 791220 request for info re safety-grade  
anticipatory reactor trip design Util will provide info as  
soon as detailed info becomes available Response should be  
forwarded by 800501  
TRIMBLE, D C Arkansas Power & Light Co 80/02/25 1p

8003040316 Confirms 800219 telcon re latest set of Westinghouse data  
on low pressure turbine rotor 2, showing that facility can  
proceed to 100% reactor power  
TRIMBLE, D C Arkansas Power & Light Co 80/02/25 1p

8003040484 Forwards "Structural Effects of ATWS Overpressure Transients  
in Byron Jackson Primary Pumps," addendum to "Analysis of  
B&W Nuclear Steam Sys Response to ATWS Events "  
TAYLOR, J H Babcock & Wilcox Co 80/02/26 1p

--8003040498 "Structural Effects of ATWS Overpressure Transients in Byron  
Jackson Primary Pumps "  
\* Babcock & Wilcox Co BAW-1610 80/02/01 31pp

8003040477 Forwards info re implementation of TMI-2 Lessons Learned  
Task Force short-term requirements  
TRIMBLE, D C Arkansas Power & Light Co 80/02/29 2pp

8003050234 Forwards results of impingement monitoring at facility  
intake during Jan, 1980 Set of computer cards encl  
TRIMBLE, D C Arkansas Power & Light Co 80/02/29 17pp

8003140275 Responds to questions in 800220 ltr re safety impact of  
starting up & operating plant w/motor operated valve in open  
position Valve is normally open during startup Operation  
would be conducive to detection of check valve leakage  
TRIMBLE, D C Arkansas Power & Light Co 80/02/29 2pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry  
wall & pipe support structural interdisciplinary  
coordination  
LICCARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003170478 Submits responses to Items 1-5 in NRC 800306 ltr re facility  
800226 event Provides description of event, summary of  
previous power upset events & plant susceptibility to event  
occurrences Believes continued operation acceptable  
STEEL, C L Arkansas Power & Light Co 80/03/12 8pp

8003200478 Submits responses to Encl 3, Items 6 & 7 of NRC 800306 ltr re  
evaluation of 800226 event  
CAVANAUGH, W Arkansas Power & Light Co 80/03/17 5pp

8003270484 Forwards responses to NRC 800225 ltr requesting info on low  
pressure turbine rotors Cracks found in LP-2 rotor were not  
keyway cracks, but discs were removed from rotor Proprietary  
version withheld (ref 10CFR2 790)  
TRIMBLE, D C Arkansas Power & Light Co 80/03/19 8pp

8003280255 Provides responses to questions contained in NRC 800223 ltr  
re containment isolation valves Figures re low pressure  
injection encl  
STEEL, C L Arkansas Power & Light Co 80/03/24 5pp

800310366 Responds to NRC request for info on three proposed followup  
actions re Crystal River 800226 event Mods necessary to  
improve coping w/loss of instrumentation & control sys will  
be completed by 800621 Affidavit encl  
STEEL, C L Arkansas Power & Light Co 80/03/24 3pp



## DOCKETED ITEMS

## Q Inspection reports, IE Bulletins &amp; correspondence

8003190683 Ack receipt of 800102 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 80-313/79-16 & 80-348/79-14  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/01/23 1p

--8003190688 Responds to NRC ltr re violations noted in IE Insp Repts 80-313/79-16 & 80-348/79-14 Corrective actions design control & drawing control procedures being revised  
Constructing program to flag design changes to operations  
TRIMBLE, D C Arkansas Power & Light Co 80/01/02 5pp

8003110343 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003140156 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/06 1p

8003110199 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003250598 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003250324 Ack receipt of 800131 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 80-313/79-27  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/15 1p

8003240251 Discusses status of efforts re IE Bulletin 79-01 Unable to complete all bulletin items within 45 days Submits projected schedule for completion of items  
TRIMBLE, D C Arkansas Power & Light Co 80/02/22 2pp

8003190716 Summary of 79108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-05C  
CAPRA, R A Standardization Branch 80/02/24 11pp

8003140427 Forwards IE Info Notice 79-3/, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D O Division of Operating Reactors 80/02/23 3pp

8003140012 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003250196 Forwards response to in-containment portion of three sys for items 1, 2 & 3 of IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Partial master sys list of safety features to mitigate LOCA or HELB encl  
TRIMBLE, D C Arkansas Power & Light Co 80/02/28 95pp

8003120304 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003140312 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 7pp

8003180101 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/06 1p.

8003180001 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director. 80/03/07. 1p.

8003190205 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260111 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260580 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260338 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250405 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260307 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## R Periodic operating reports &amp; related correspondence

8003050188 Forwards "Semiannual Radioactive Effluent Rept, Jul-Dec 1979"  
TRIMBLE, D C Arkansas Power & Light Co 80/02/25 1p

--8003050192 "Semiannual Radioactive Effluent Rept, Jul-Dec 1979"  
Arkansas Power & Light Co 80/02/25 8pp

8003180498 Forwards monthly operating rept for Feb 1980  
TRIMBLE, D C Arkansas Power & Light Co 80/03/14 1p

--8003180501 Monthly operating rept for Feb 1980  
BRAMLETT, L S Arkansas Power & Light Co 80/03/14 6pp

## S Reportable occurrences, LERs &amp; related correspondence

8003180382 Forwards LER 80-004/03L-0  
TRIMBLE, D C Arkansas Power & Light Co 80/03/06 1p

--8003180384 LER 80-004/03L-0 on 800205, during operational test for leak rates, reactor bldg ventilation penetrations V1 & V2 found leaking in excess of Tech Specs Caused by maladjusted valve seats Valves readjusted & retested  
BRAMLETT, L S Arkansas Power & Light Co 80/03/06 1p

## U Congressional/Executive Correspondence

8003060516 Responds to 791205 ltr commenting on NRC emergency planning meetings Meeting announcements mailed to local press, radio, television & LPDR at least two wks in advance One hour generally sufficient to receive public comments  
DIRCKE, W J Office of the Executive Director for Operations 80/02/07 5pp

## DOCKET 80-315 DONALD C COOK NUCLEAR POWER PLANT, UNIT 1

## F Security, medical, emergency &amp; fire protection plans

8003050505 Advises that certain plant automatic fire protection sys discovered not tested per Tech Specs 4.7.9.2a & 2b 1a Caused by employee oversight Appropriate procedures revised & tests satisfactorily performed  
SHALLER, D V Indiana & Michigan Electric Co 80/02/27 2pp

8003070366 Responds to NRC 800108 request for addl info on safeguards contingency plan, Requests 45-day extension from 800305 submittal date required to resolve issues NRC comments on plan not specific  
DOLAN, J E Indiana & Michigan Electric Co 80/02/29 2pp

# DOCKETED ITEMS

143

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERB, D A Core Performance Branch 79/11/30 106pp

8003060626 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003240034 Submits description of QA program re radwaste packaging & shipping activities Program requirements will be implemented per plant procedures by 800430 Will perform insps on radwaste packaging & shipping activities  
DOLAN, J E Indiana & Michigan Electric Co 80/01/30 2pp

8003190248 Forwards interim position re facility containment purging & venting during normal operation During ongoing review of valve performance under DBA-LOCA condition, facility meets interim position except on Unit 1, Position 1  
SCHWENCER, A Operating Reactors Branch 1 80/02/11 4pp

8003240040 Notification of 800226 meeting w/utl in Silver Spring, MD to discuss Lessons Learned Task Force implementation plans Meeting originally scheduled for 800222  
WIGGINTON, D L Operating Reactors Branch 1 80/02/19 1p

8003130043 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for C-E or Exxon fueled PWRs Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 3pp

8003190001 Discusses utl 780221 confirmation that qualifications of ice baskets to carry design loads is supported by WACP-8304 & WCAP B110 Suppl B Confirmation satisfies NRC requirements for incorporation of repts into dockets  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

8003310216 Forwards Amends 36 & 18 to Licenses DPR-58 & DPR-74, respectively, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

--8003310220 Amends 36 & 18 to Licenses DPR-58 & DPR-74, respectively, deleting Tech Spec re secondary water chemistry & adding new condition monitoring secondary water & deleting Unit 2 license condition re residual heat removal sys  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 18pp

--8003310224 Safety evaluation supporting Amends 36 & 18 to Licenses DPR-58 & DPR-74, respectively  
\* Office of Nuclear Reactor Regulation 80/02/29 4pp

--8003310226 Notice of issuance & availability of Amends 36 & 18 to Licenses DPR-58 & DPR-74, respectively  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

8003120545 Forwards requested info re post-implementation review of Category A requirements of NUREG-0578  
DOLAN, J E Indiana & Michigan Electric Co 80/03/10 23pp

8003180473 Responds to NRC 800211 ltr re NRC interim position concerning containment purging & venting during normal operation Tech Specs being developed to permit purging in Modes 1, 2, 3 & 4 & will be submitted next month  
DOLAN, J E Indiana & Michigan Electric Co 80/03/10 2pp

8003180525 Discusses preliminary concerns about intake structure design & chlorine discharges re NPDES permit Concerns fully & adequately responded to in course of company aquatic studies  
BRUCKEMILLER, J Indiana & Michigan Electric Co 80/03/14 3pp

## G Inspection reports, IE Bulletins & correspondence

8003140467 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190032 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120137 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140231 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110131 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190312 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003060246 Ack receipt of 800129 ltr informing NRC of steps taken to correct violations noted in IE insp repts  
DAVIS, B B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/16 1p

--8003060267 Responds to NRC 800104 ltr re violation noted in IE insp repts Corrective actions description of QA program applicable to radwaste packaging & shipping will be submitted as required  
DOLAN, J E Indiana & Michigan Electric Co 80/01/29 2pp

8003120469 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120331 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140318 Forwards supplemental info to IE Bulletin 79-01B, "Environmental Qualification of Class IE Equipment" Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180244 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003130426 Responds to NRC 791130 ltr & IE Bulletin 79-27 "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation" All safety-related power supply inverters are Class IE No revised design mods required  
DOLAN, J E Indiana & Michigan Electric Co 80/03/07 2pp

8003260187 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260424 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260540 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260305 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

## DOCKETED ITEMS

8003250067 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3 Chicago, Office of the Director 80/03/14 1p

8003260240 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

R Periodic operating reports & related correspondence

8003130422 "Forwards Annual Operating Rept 1979 "  
SHALLER, D V Indiana & Michigan Electric Co 80/03/03 2pp

--8003130424 "Annual Operating Rept 1979 "  
BEGOR, R D, SVENSON, D A SHALLER, D V Indiana & Michigan Electric Co 80/03/03 25pp

S Reportable occurrences, LERs & related correspondence

8003050488 RD 80-001/04X-0 on 800227, while preheating annual environ operating sept, max quantity of detergent discharged to lake exceeded Tech Specs limit by 360 lb Caused by unauthorized use of 40 gallons of detergent in foaming agent  
SHALLER, D V Indiana & Michigan Electric Co 80/02/27 1p

8003180526 Forwards LER 80-003/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/03/11 1p

--8003180534 LER 80-003/03L-0 on 800219, found spent fuel pit area monitor indicating erratically & high radiation alarm on Caused by bad detector tube Detector tube replaced & normal operation verified  
DELONG, S D Indiana & Michigan Electric Co 80/03/11 2pp

8003310341 AEO 80-002/04X-0 on 800314, total of 0.871 Ci Xe-133 & 2.37 x 10-4 Ci I-131 released from Unit 1 vent stack during valving of Unit 2 Failed fuel detector Caused by leak in fuel detector Failed fuel detector & safety valves isolated  
SHALLER, D V Indiana & Michigan Electric Co 80/03/24 3pp

DOCKET 80-316 DONALD C COOK NUCLEAR POWER PLANT, UNIT 2

F Security, medical, emergency & fire protection plans

8003050505 Advises that certain plant automatic fire protection sys discovered not tested per Tech Specs 4.7.9.2a & 2b 1a Caused by employee oversight Appropriate procedures revised & tests satisfactorily performed  
SHALLER, D V Indiana & Michigan Electric Co 80/02/27 2pp

8003070346 Responds to NRC 800108 request for addl info on safeguards contingency plan Requests 45-day extension from 800305 submittal date required to resolve issues NRC comments on plan not specific  
DOLAN, J E Indiana & Michigan Electric Co 80/02/29 2pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800107  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060626 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003240034 Submits description of QA program re radwaste packaging & shipping activities Program requirements will be implemented per plant procedures by 800430 Will perform insps on radwaste packaging & shipping activities  
DOLAN, J E Indiana & Michigan Electric Co 80/01/30 2pp

8003190248 Forwards interim position re facility containment purging & venting during normal operation During ongoing review of valve performance under DBA-LCCA condition, facility meets interim position except on Unit 1, Position 1  
SCHWENCER, A Operating Reactors Branch 1 80/02/11 4pp

8003240040 Notification of 800226 meeting w/util in Silver Spring, MD to discuss Lessons Learned Task Force implementation plans Meeting originally scheduled for 800222  
WIGGINTON, D L Operating Reactors Branch 1 80/02/19 1p

8003200065 Advises that util commitments to follow guidelines of Reg Guide 1.68 have been fulfilled w/completion of full-load rejection test & util 791227 11i reporting test results  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 2pp

8003130043 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for C-E or Excon fueled PWRs Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 3pp

8003190001 Discusses util 780221 confirmation that qualifications of ice baskets to carry design loads is supported by WCAP-B304 & WCAP B110 Suppl B Confirmation satisfies NRC requirements for incorporation of repts into dockets  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

8003310216 Forwards Amends 3a & 1B to Licenses DPR-5B & DPR-74, respectively, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

--8003310220 Amends 3a & 1B to Licenses DPR-5B & DPR-74, respectively, deleting Tech Spec 1e secondary water chemistry & adding new condition monitoring secondary water & deleting Unit 2 license condition 1e residual heat removal sys  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 18pp

--8003310224 Safety evaluation supporting Amends 3a & 1B to Licenses DPR-5B & DPR 74, respectively  
Office of Nuclear Reactor Regulation 80/02/29 4pp

--8003310226 Notice of issuance & availability of Amends 3a & 1B to Licenses DPR-5B & DPR-74, respectively  
SCHWENCER, A Operating Reactors Branch 1 80/02/29 2pp

8003240241 Notification of 800306 meeting w/util to discuss Brown Boveri turbine design & relationship of turbine cracks discovered on other type units  
WIGGINTON, D Operating Reactors Branch 1 80/03/05 2pp

8003120545 Forwards requested info re post-implementation review of Category A requirements of NUREG-0578  
DOLAN, J E Indiana & Michigan Electric Co 80/03/10 23pp

8003180473 Responds to NRC 800211 ltr re NRC interim position concerning containment purging & venting during normal operation Tech Specs being developed to permit purging in Modes 1, 2, 3 & 4 & will be submitted next month  
DOLAN, J E Indiana & Michigan Electric Co 80/03/10 2pp

8003180525 Discusses preliminary concerns about intake structure design & chlorine discharges re NPDES permit Concerns fully & adequately responded to in course of company aquatic studies  
BRUCKEMILLER, J Indiana & Michigan Electric Co 80/03/14 3pp

8003250517 Forwards amended & addl data supporting changes to T-average Tech Specs discussed in 791102 & 1211 ltrs Also forwards info from WCAP-9566, "Nuclear Design & Core Mgt of Facility "  
DOLAN, J E Indiana & Michigan Electric Co 80/03/18 22pp

Q Inspection reports, IF Bulletins & correspondence

8003140467 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190032 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

# DOCKETED ITEMS

145

8003120137 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003140231 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/04  
1p

8003200516 Forwards IE Insp Rept 50-316/79-22 on 791031, 1101, 06, 13, 29, 1205-06 & 10 No noncompliance noted  
FIORELLI, D Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/07 2pp

--8003200525 IE Insp Rept 50-316/79-22 on 791031, 1101, 06, 13, 29, 1205-06 & 10 No noncompliance noted Major areas inspected GA/OC program, implementation procedures, review & evaluation of nondestructive exam data & repts of inservice insp  
WARD, K D, DANIELSON, D H Region 3, Chicago, Office of the Director 80/01/30 12pp

8003110131 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003190312 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003060246 Ack receipt of 800129 ltr informing NRC of steps taken to correct violations noted in IE insp repts  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/16 1p

--8003060267 Responds to NRC 800104 ltr re violation noted in IE insp repts Corrective actions description of QA program applicable to radwaste packaging & shipping will be submitted as required  
DOLAN, J E Indiana & Michigan Electric Co 80/01/29 2pp

8003120689 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27  
1p

8003120331 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
1p

8003140318 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
8pp

8003180244 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06  
1p

8003130426 Responds to NRC 791130 ltr & IE Bulletin 79-27 "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation " All safety-related power supply inverters are Class IE No revised design mods required  
DOLAN, J E Indiana & Michigan Electric Co 80/03/07 2pp.

8003260187 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07  
1p

8003260424 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260540 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCB) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director. 80/03/10  
1p

8003260305 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p

8003250067 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260240 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

## R Periodic operating reports & related correspondence

8003130422 "Forwards Annual Operating Rept 1979 "  
SHALLER, D V Indiana & Michigan Electric Co 80/03/03 2pp

--8003130424 "Annual Operating Rept 1979 "  
BEGER, R D, SVENSON, B A, SHALLER, D V Indiana & Michigan Electric Co 80/03/03 25pp

## S Reportable occurrences, LERs & related correspondence

8003190217 PNO-III-80-031 on 800219, while operating at 98% power turbine vibrations were encountered Reactor manually tripped Automatic switchover did not occur Main generator breakers remained closed Station was fed by offsite power  
BOYD, D C, MASSE, R E Region 3, Chicago, Office of the Director 80/02/19 2pp

8003130643 PNO-III-80-031A on 800219, unplanned radioactive release occurred associated w/reactor trip/loss of offsite power Na-24 tracer added to secondary sys escaped when relief valves opened  
BOYD, D C, MASSE, R E Region 3, Chicago, Office of the Director 80/02/20 1p

8003030397 Forwards LER 80-003/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/02/22 1p

--8003030397 LER 80-003/03L-0 on 800124, during surveillance test, turbine driven auxiliary feed pump trip & throttle valve unlatched Caused by burned up reset coil on trip & throttle valve linkage linkage not engaging due to worn mating surfaces  
WIZNER, D Q Indiana & Michigan Electric Co 80/02/22 2pp

8003030209 Updates AEO 80-001/04X-0 on 800220, unplanned release of Na-24 contaminated steam occurred Investigation estimated total release of Na-24 was 2.39 E-6 Ci at 0.11% concentration of Tech Spec limit  
SHALLER, D V Indiana & Michigan Electric Co 80/02/26 2pp

8003030487 RO-80-001/04X-0 on 800219, following manual trip, power operated relief valve on steam generator 4 (MRV-243) opened & passed 320,000 lb/h steam containing Na-24 Total release within Tech Spec limits  
SHALLER, D V Indiana & Michigan Electric Co 80/02/26 2pp

8003200483 AEO 80-001/04X-0 after manual trip, power operated relief valves were opened causing unplanned release of Na-24 contaminated steam Cause unstated No effect to public health & safety  
SHALLER, D V Indiana & Michigan Electric Co 80/02/26 2pp

8003040370 Forwards LER 80-004/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/02/27 1p

--8003040582 LER 80-004/03L-0 on 800202, during normal operation, while investigating problem w/test circuit for B main turbine stop valve, found mounting bracket for proximity switch failed Caused by loosened mounting assembly due to vibration  
RISCHLINO, J Indiana & Michigan Electric Co 80/02/27 2pp

8003030488 RO 80-001/04X-0 on 800227, while preheating annual environ operating repts, max quantity of detergent discharged to lake exceeded Tech Specs limit by 360 lb Caused by unauthorized use of 40 gallons of detergent in foaming agent  
SHALLER, D V Indiana & Michigan Electric Co 80/02/27 1p

8003040513 Forwards LERs 80-003/03L-0, 80-006/03L-0 & 80-007/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/02/28 1p

## DOCKETED ITEMS

--8003040523 LER 80-005/03L-0 on 791113, re-evaluation of calibr data taken during last refueling outage revealed that steam line pressure transmitter data would result in nonconservative differential steam line pressure setpoint for loops 3 & 4  
RISCHLING, J L Indiana & Michigan Electric Co 80/02/28 2pp

--8003040534 LER 80-006/03L-0 on 800129, during surveillance test on pressurizer pressure protection set 3, discovered that bistable 2 PB-457D tripped at value exceeding Tech Specs Cause unknown Bistable set within allowable values  
RISCHLING, J Indiana & Michigan Electric Co 80/02/28 1p

--8003040543 LER 80-007/03L-0 on 800129, during surveillance test, containment isolation valve HCR-252 did not close fully Cause unknown New diaphragm placed in valve operator Valve restroked & timed before returning to svc  
RISCHLING, J Indiana & Michigan Electric Co 80/02/28 1p

8003060597 Forwards LER 80-008/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/02/29 1p

--8003060602 LER 80-008/03L-0 on 800201, review of 791102 test procedure indicated as-found data for loop 1, channel 1, reactor coolant flow transmitter found 3 8% out of calibr Caused by transmitter drift Transmitter recalibr  
DELRON, S D Indiana & Michigan Electric Co 80/02/29 2pp

8003110674 Forwards LER 80-009/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/03/04 1p

--8003110677 LER 80-009/03L-0 on 800208, during normal operation, steam generator 3 level indication became erratic & was declared inoperable Caused by faulty transmitter New transmitter installed  
RISCHLING, J L Indiana & Michigan Electric Co 80/03/04 1p

8003210355 Forwards LER 80-010/03L-0  
SHALLER, D V Indiana & Michigan Electric Co 80/03/17 1p

8003310341 AEO 80-002/04X-0 on 800314, total of 0 871 Ci Xe-133 & 2 37 x 10-4 Ci I-131 released from Unit 1 vent stack during valving of Unit 2 failed fuel detector Caused by leak in fuel detector Failed fuel detector & safety valves isolated  
SHALLER, D V Indiana & Michigan Electric Co 80/03/24 3pp

#### DOCKET 80-317 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 1

##### F Security, medical, emergency & fire protection plans

8003240026 Notification of 800227 & 28 meeting w/Util, FEMA, Battelle & MD State representatives to discuss emergency planning guidelines Agenda encl  
CONNER, E L Operating Reactors Branch 4 80/02/20 4pp

8003050363 Forwards fire protection review of Items 3 2 2 & 3 2 3 re adequacy of detector installation & fire pump flow tests, respectively  
HALL, R E Brookhaven National Laboratory 80/02/26 2pp

8003140003 Forwards fire protection review for Items 3 2 4, ventilation duct penetrations & 3 2 5/3 2 6, electrical & piping penetration fire resistance for facility  
HALL, R E Brookhaven National Laboratory 80/02/29 2pp

8003110546 Forwards Items 3 2 1 & 3 2 10 of fire protection review, re fire hazard analysis & fire water drainage, respectively  
HALL, R E Brookhaven National Laboratory 80/03/04 4pp

8003170466 Forwards addl info in response to safety evaluation Item 3 1 13, describing addl emergency communication sys Recommends documentation of separation of sound-powered wiring & plant-paging sys  
HALL, R E Brookhaven National Laboratory 80/03/05 2pp

8003260390 Forwards Revision 1 to safeguards contingency plan Plan withheld (ref 10CFR2 790)  
EVANS, V R Baltimore Gas & Electric Co 80/03/20 1p

#### J Insurance & indemnity information

8003060540 Forwards Endorsements 41 & 42 to NELIA Policy, NF-216 Endorsements 10 & 11 to NELIA Policy NS-348 & Endorsement 3 to NELIA Policies EB-52 & EB-53  
SHOENAKER, C L Baltimore Gas & Electric Co 80/02/28 9pp

8003170410 Forwards Endorsement 3 to MAELU Binders XB-52 & XB-53  
SHOENAKER, C L Baltimore Gas & Electric Co 80/03/10 5pp

#### K Utility Final Safety Analysis Report (FSAR) & amends

8003270399 Amend 5B to application for OL, consisting of Revision 47 to FSAR  
LUNDVALL, A E Baltimore Gas & Electric Co 80/01/31 1p

--8003270403 Revision 47 to FSAR  
\* Baltimore Gas & Electric Co 80/01/31 41pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060381 Forwards response to 791206 request for info re containment purge sys Includes util response to Item 2 1 4 of NUREG-057B, & info from FSAR w/o encl  
REID, R W Operating Reactors Branch 4 80/02/08 1p

8003050012 Advises of NRC disagreement w/util 800103 proposed appra for installation of third auxiliary feedwater train Train should be designed & constructed to meet latest edition & addenda of ASME code  
REID, R W Operating Reactors Branch 4 80/02/14 2pp

8003170020 Requests response to encl list of items needing addl licensee action & clarification, per NRC 800219 plant visit re implementation of TH1-2 Lessons Learned Task Force short-term requirements  
REID, R W Operating Reactors Branch 4 80/02/20 4pp

8003050537 Responds to request to examine high pressure piping sys which connect RCB to low pressure piping sys to determine existence of Event V isolation valve configuration in Class 1 portion of piping None exist Forwards supportive diagram  
LUNDVALL, A E Baltimore Gas & Electric Co 80/02/25 3pp

8003070008 Forwards request for addl info re containment purging to meet criteria established re electrical override/bypass for use in operating reactors licensee 791115 & 1214 responses satisfactory on interim basis  
REID, R W Operating Reactors Branch 4 80/02/25 4pp

8003030299 Advises that cable & pipe penetration fire tests will be conducted on 800305 Requests direction re submittal of procedure comments  
LUNDVALL, A E Baltimore Gas & Electric Co 80/02/26 1p

8003240056 Denies C-E 791203 request for primary routing for shipment of spent fuel due to acceptable alternative route Route overview prepared to reflect change to alternative route Overview withheld (ref 10CFR2 790)  
MCCORMACK, G W Physical Security Licensing Branch 80/02/26 2pp

8003050499 Forwards response to NRC 800220 ltr re Lessons Learned Category A items Subcooling meters installed by 800326 Steam line branches not receiving automatic isolation signals are main steam to auxiliary feed pump turbines & dump lines  
LUNDVALL, A E Baltimore Gas & Electric Co 80/02/29 13pp

8003200007 Summary of 800111 meeting w/Bachtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003170190 Submits clarifications of 800229 responses to NRC 800219 questions re followup actions resulting from TH1-2 Lessons Learned Task Force Small bypass valves on main steam isolation line do not close on low steam generator pressure  
LUNDVALL, A E Baltimore Gas & Electric Co 80/03/12 2pp

8003200239 Submits proposed design for high range containment radiation monitoring sys at facility in response to Lessons Learned Task Force Item New monitors will provide one decade overlap w/range of existing monitors  
LUNDVALL, A E Baltimore Gas & Electric Co 80/03/17 2pp

# DOCKETED ITEMS

147

## 3 Inspection reports, IE Bulletins & correspondence

8003060654 Notices that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003090054 Forwards IE Insp Repts 50-317/79-20 & 50-318/79-19 on 791109-11.13 & 15-16 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/03 2pp

--8003050060 IE Insp Repts 50-317/79-20 & 50-318/79-19 on 791109-11.13 & 15-16 No noncompliance noted Major areas inspected containment integrated leak rate test & licensee action on previous insp findings  
REKITT, W A, SMITH, T H Region 1, Philadelphia, Office of the Director CAPTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/31 6pp

8003060496 Forwards IE Insp Repts 50-317/79-21 & 50-318/79-20 on 791127-30 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/09 2pp

--8003060504 IE Insp Repts 50-317/79-21 & 50-318/79-20 on 791127-30 No noncompliance noted Major areas inspected routine insp for purpose of turning over project assignment  
KEIMIG, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch ARCHITZEL, R E, JOHNSON, D F Region 1, Philadelphia, Office of the Director 80/01/04 3pp

8003030013 Ack receipt of 800104 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/21 1p

--8003030017 Responds to NRC 791226 ltr re violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Corrective actions radiation safety & chemistry engineer will annually review posting requirements  
LUNDVALL, A E Baltimore Gas & Electric Co 80/01/04 1p

--8003030019 Ack receipt of 791109 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Requests addl info  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/26 2pp

--8003030024 Forwards response to NRC 791017 ltr re violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Corrective actions posting requirements & procedure for radiation protection are in compliance w/code  
LUNDVALL, A E Baltimore Gas & Electric Co 79/11/09 4pp

--8003030025 Forwards IE Insp Repts 50-317/79-13 & 50-318/79-10 on 790730-0802 & notice of violation  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/10/17 2pp

--8003030027 Notice of violation from insp on 790730-0802  
\* Region 1, Philadelphia, Office of the Director 79/10/15 2pp

--8003030032 IE Insp Repts 50-317/79-13 & 50-318/79-10 on 790730-0802 Noncompliance noted failure to post documents & notices required by code & failure to control access to contaminated areas  
PLUMLEE, K Region 1, Philadelphia, Office of the Director STORR, J P Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/10/15 6pp

8003060270 Ack receipt of 791212 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-17 & 50-318/79-14  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/23 1p

--8003060282 Responds to NRC 791204 ltr re violations noted in IE Insp Repts 50-317/79-17 & 50-318/79-14 Corrective actions licensed personnel lacking proper training will be assigned to appropriate makeup session  
LUNDVALL, A E Baltimore Gas & Electric Co 79/12/12 1p

--8003060308 Forwards IE Insp Repts 50-317/79-17 & 50-318/79-14 on 791002-05 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/04 2pp

--8003060313 Notice of violation from insp on 791002-05  
\* Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/03 1p

--8003060320 IE Insp Repts 50-317/79-17 & 50-318/79-14 on 791002-05 Noncompliance noted failure to conduct design change review  
COWILL, C J, JOHNSON, D F Region 1, Philadelphia, Office of the Director CAPTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/03 10pp

8003030001 Ack receipt of 791228 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-16 & 50-318/79-13  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/24 1p

--8003030004 Forwards response to NRC 791204 ltr re violation noted in IE Insp Repts 50-317/79-16 & 50-318/79-13 Corrective actions new sleeving platform was designed & implemented  
LUNDVALL, A E Baltimore Gas & Electric Co 79/12/28 2pp

--8003030005 Forwards IE Insp Repts 50-317/79-16 & 50-318/79-13 on 7911001-05 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/04 2pp

--8003030008 Notice of violation from insp on 791001-05  
\* Region 1, Philadelphia, Office of the Director 79/11/30 1p

--8003030010 IE Insp Repts 50-317/79-16 & 50-318/79-13 on 791001-05 Noncompliance noted use of nonsafety-related platform when safety evaluation required safety-related platform  
KEHDE, D V Region 1, Philadelphia, Office of the Director KISTER, H B Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/11/30 10pp

8003130057 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003140083 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120445 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003140356 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003250268 Forwards safety evaluation to document NRC review of util feedwater piping sys insps performed in response to IE Bulletin 79-13  
REID, R W Operating Reactors Branch 4 80/03/05 2pp

--8003250274 Safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Piping Sys"  
Nondestructive & visual insps & toughness of piping matls adequate to ensure piping integrity  
\* Office of Nuclear Reactor Regulation 80/03/05 2pp

8003180271 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180026 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190240 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

## DOCKETED ITEMS

8003260276 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260380 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260413 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003260264 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260016 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

#### R Periodic operating reports & related correspondence

8003060036 Forwards "Semiannual Effluent Release Rept Jul-Dec 1979 " Advises that meteorological summary will be submitted later  
LUNDVALL, A E Baltimore Gas & Electric Co 80/02/29 1p

--8003060041 "Semiannual Effluent Release Rept, Jul-Dec 1979 " \* Baltimore Gas & Electric Co 80/02/29 1Bpp

8003190485 Forwards monthly operating repts for Feb 1980  
MERSON, S D Baltimore Gas & Electric Co 80/03/13 1p

--8003190491 Monthly operating repts for Feb 1980  
MERSON, S D Baltimore Gas & Electric Co 80/03/13 2pp

#### S Reportable occurrences, LERs & related correspondence

8003180084 PNO-I-80-025 on 800211, auxiliary bldg evacuated upon receipt of gaseous radiation, waste processing & main vent alarms  
Ion exchanger outlet valve found not fully shut resulting in pressurization & backed-up radioactive water  
ARCHITZEL, R, KEIMIG, R, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/12 1p

8003100136 PNO-I-80-025A on 800211, 40 S Ci Xe-133 released representing 37% Tech Spec for instantaneous release On 800212 local emergency declared in auxiliary bldg again due to ion exchanger No release evident  
KEIMIG, R, BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/13 1p

8003030381 Forwards LER 80-008/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/02/25 1p

--8003030388 LER 80-008/03L-0 on 800126, while cooling down for scheduled outage, survey technician discovered steam blowing from IIA reactor coolant pump Sensing line LPDT-123A had through-wall leak Caused by friction of sensing line w/another pipe  
DAVIS, S M, PENSE, N B Baltimore Gas & Electric Co 80/02/25 1p

8003040725 Notifies that LER number 80-317/79-7B was not used for 1979.  
PERKINS, M A Region 1, Philadelphia, Office of the Director  
80/02/26 1p

8003030472 Forwards LER 80-012/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co. 80/03/03. 1p

--8003030476 LER 80-012/03L-0 on 800211, while performing routine surveillance test, control element assembly (CEA) 35 dropped into core Cause unknown Technician will be assigned to monitor operating parameter of all CEAs during next STP  
DAVIS, S M, BAUER, E R Baltimore Gas & Electric Co 80/03/03 1p

8003170486 Forwards LER 80-011/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/03/07. 1p

--8003170489 LER 80-011/03L-0 on 800208, W/RCS at 130 degrees & 280 psia, shutdown cooling suction header relief valve lifted & failed to reset Caused by valve being left at improper relief pressure due to error following testing  
DAVIS, S M, HUSEBY, D E Baltimore Gas & Electric Co 80/03/07 2pp

#### DOCKET 80-318 CALVERT CLIFFS NUCLEAR POWER PLANT, UNIT 2

F Security, medical, emergency & fire protection plans

8003240026 Notification of 800227 & 28 meeting w/util, FEMA, Battelle & MD State representatives to discuss emergency planning guidelines Agenda encl  
CONNER, E L Operating Reactors Branch 4 80/02/20 App

8003050363 Forwards fire protection review of Items 3 2 2 & 3 2 3 re adequacy of detector installation & fire pump flow tests, respectively  
HALL, R E Brookhaven National Laboratory 80/02/26 2pp

8003140003 Forwards fire protection review for Items 3 2 4, ventilation duct penetrations & 3 2 5/3 2 6, electrical & piping penetration fire resistance for facility  
HALL, R E Brookhaven National Laboratory 80/02/29 2pp

800310546 Forwards Items 3 2 1 & 3 2 10 of fire protection review, re fire hazard analysis & fire water drainage, respectively  
HALL, R E Brookhaven National Laboratory 80/03/04 4pp

8003170466 Forwards addl info in response to safety evaluation item 3 1 13, describing addl emergency communication sys  
Recommends documentation of separation of sound-powered wiring & plant-paging sys  
HALL, R E Brookhaven National Laboratory 80/03/05 2pp

8003260390 Forwards Revision 1 to safeguards contingency plan Plan withheld (ref 10CFR2 790)  
EVANS, V R Baltimore Gas & Electric Co 80/03/20 1p

#### J Insurance & indemnity information

8003060540 Forwards Endorsements 41 & 42 to NELIA Policy, NF-216  
Endorsements 10 & 11 to NELIA Policy NS-348 & Endorsement 3 to NELIA Policies ED-52 & ED-53  
SHOENAKER, C L Baltimore Gas & Electric Co 80/02/28 9pp

8003170410 Forwards Endorsement 3 to MAELU Binders XB-52 & XB-53  
SHOENAKER, C L Baltimore Gas & Electric Co 80/03/10 5pp

#### K Utility Final Safety Analysis Report (FSAR) & amends

8003270399 Amend 58 to application for OL, consisting of Revision 47 to FSAR  
LUNDVALL, A E Baltimore Gas & Electric Co 80/01/31 1p

--8003270403 Revision 47 to FSAR  
\* Baltimore Gas & Electric Co 80/01/31 41pp

#### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, B O Division of Operating Reactors 79/12/20 19pp.

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003040381 Forwards response to 791206 request for info re containment purge sys Includes util response to item 2 1 4 of NUREG-057B, & info from FSAR W/o encl  
REID, R W Operating Reactors Branch 4 80/02/08 1p

8003050012 Advises of NRC disagreement w/util 800103 proposed approach for installation of third auxiliary feedwater train. Train should be designed & constructed to meet latest edition & addenda of ASME code  
REID, R W Operating Reactors Branch 4. 80/02/14 2pp.

8003170020 Requests response to encl list of items needing addl license action & clarification per NRC 800219 plant visit re implementation of TMI-2 Lessons Learned Task Force short-term requirements  
REID, R W, Operating Reactors Branch 4 80/02/20. App

# DOCKETED ITEMS

149

8003050537 Responds to request to examine high pressure piping sys which connect RCS to low pressure piping sys to determine existence of Event V isolation valve configuration in Class I portion of piping None exist Forwards supportive diagram LUNDVALL, A E Baltimore Gas & Electric Co 80/02/25 3pp

8003070008 Forwards request for addl info re containment purging to meet criteria established re electrical override/bypass for use in operating reactors Licensee 791115 & 1214 responses satisfactory on interim basis REID, R W Operating Reactors Branch 4 80/02/25 4pp

8003030299 Advises that cable & pipe penetration fire tests will be conducted on 800305 Requests direction re submittal of procedure comments LUNDVALL, A E Baltimore Gas & Electric Co 80/02/26 1p

8003240056 Denies C-E /91203 request for primary routing for shipment of spent fuel due to acceptable alternative route Route overview prepared to reflect change to alternative route Overview withheld (ref 10CFR2 7901) MCCORKLE, G W Physical Security Licensing Branch 80/02/26 2pp

8003030499 Forwards response to NRC 800220 ltr re Lessons Learned Category A items Subcooling meters installed by 800324 Steam line branches not receiving automatic isolation signals are main steam to auxiliary feed pump turbines & dump lines LUNDVALL, A E Baltimore Gas & Electric Co 80/02/29 13pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003170190 Submits clarifications of 800229 responses to NRC 800219 questions re followup actions resulting from TMI-2 Lessons Learned Task force Small bypass valves on main steam isolation line do not close on low steam generator pressure LUNDVALL, A E Baltimore Gas & Electric Co 80/03/12 2pp

8003200239 Submits proposed design for high range containment radiation monitoring sys at facility in response to Lessons Learned Task Force item New monitors will provide one decade overlap w/range of existing monitors LUNDVALL, A E Baltimore Gas & Electric Co 80/03/17 2pp

8003250303 Forwards justification for continued operation & answers to site-specific questions, in response to NRC 800225 ltr Westinghouse proprietary version of response withheld (ref 10CFR2 790) LUNDVALL, A E Baltimore Gas & Electric Co 80/03/18 49pp

8003280240 Forwards application & affidavit for withholding proprietary info in Attachment 3 of AE Lundvall 800318 ltr re Westinghouse low pressure turbine disc insp Westinghouse responses to generic questions in NRC 800225 ltr also encl LUNDVALL, A E Baltimore Gas & Electric Co 80/03/24 9pp

## 9 Inspection reports, IE Bulletins & correspondence

8003060654 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003050054 Forwards IE Insp Repts 50-317/79-20 & 50-318/79-19 on 791107-15, 13 & 15-16 No noncompliance noted BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/03 2pp

--8003050040 IE Insp Repts 50-317/79-20 & 50-318/79-19 on 791107-11, 13 & 15-16 No noncompliance noted Major areas inspected containment integrated leak rate test & licensee action on previous insp findings REKITO, W A, SMITH, T H Region 1, Philadelphia, Office of the Director CAPHTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/31 6pp

8003060496 Forwards IE insp Repts 50-317/79-21 & 50-318/79-20 on 791127-30 No noncompliance noted BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/09 2pp

--8003060304 IE Insp Repts 50-317/79-21 & 50-318/79-20 on 791127-30 No noncompliance noted Major areas inspected routine insp for purpose of turning over project assignment KEIMIG, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch ARCHITZEL, R E, JOHNSON, D F Region 1, Philadelphia, Office of the Director 80/01/04 3pp

8003030013 Ack receipt of 800104 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/21 1p

--8003030017 Responds to NRC 791226 ltr re violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Corrective actions radiation safety & chemistry engineer will annually review posting requirements LUNDVALL, A E Baltimore Gas & Electric Co 80/01/04 1p

--8003030019 Ack receipt of 791109 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Requests addl info SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/26 2pp

--8003030024 Forwards response to NRC 791017 ltr re violations noted in IE Insp Repts 50-317/79-13 & 50-318/79-10 Corrective actions posting requirements & procedure for radiation protection are in compliance w/code LUNDVALL, A E Baltimore Gas & Electric Co 79/11/09 4pp

--8003030025 Forwards IE Insp Repts 50-317/79-13 & 50-318/79-10 on 790730-0802 & notice of violation SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/10/17 2pp

--8003030027 Notice of violation from insp on 790730-0802 \* Region 1, Philadelphia, Office of the Director 79/10/15 2pp

--8003030032 IE Insp Repts 50-317/79-13 & 50-318/79-10 on 790730-0802 Noncompliance noted failure to post documents & notices required by code & failure to control access to contaminated areas PLUMLEE, K Region 1, Philadelphia, Office of the Director STOHRE, J P Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/10/15 6pp

8003060270 Ack receipt of 791212 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-17 & 50-318/79-14 BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/23 1p

--8003060282 Responds to NRC 791204 ltr re violations noted in IE Insp Repts 50-317/79-17 & 50-318/79-14 Corrective actions licensed personnel lacking proper training will be assigned to appropriate makeup session LUNDVALL, A E Baltimore Gas & Electric Co 79/12/12 1p

--8003060308 Forwards IE Insp Repts 50-317/79-17 & 50-318/79-14 on 791002-05 & notice of violation BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/04 2pp

--8003060320 IE Insp Repts 50-317/79-17 & 50-318/79-14 on 791002-05 Noncompliance noted failure to conduct design change review COWGILL, C J, JOHNSON, D F Region 1, Philadelphia, Office of the Director CAPHTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/03 10pp

8003030001 Ack receipt of 791228 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-317/79-16 & 50-318/79-13 ORIER, B H Region 1, Philadelphia, Office of the Director 80/01/24 1p

--8003030004 Forwards response to NRC 791204 ltr re violation noted in IE Insp Repts 50-317/79-16 & 50-318/79-13 Corrective actions new sleeving platform was designed & implemented LUNDVALL, A E Baltimore Gas & Electric Co 79/12/28 2pp

--8003030005 Forwards IE Insp Repts 50-317/79-16 & 50-318/79-13 on 791101-05 & notice of violation BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/04 2pp

--8003030008 Notice of violation from insp on 791001-05 \* Region 1, Philadelphia, Office of the Director, 79/11/30 1p.

--8003030010 IE Insp Repts 50-317/79-16 & 50-318/79-13 on 791001-05 Noncompliance noted use of nonsafety-related platform when safety evaluation required safety-related platform KEHOE, D V Region 1, Philadelphia, Office of the Director KISTER, H B Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/11/30 10pp



## DOCKETED ITEMS

8003130057 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment" Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/01/30 2pp

8003140482 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003190148 Request statement addressing safety significance re turbine disk cracks in keyway & bore sections of Westinghouse 1800 rpm low pressure turbine per encl IE Info Notice 79-37  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003240555 Requests notarized statements re util insp of turbine discs for possible crack formation Statements will enable NRC to decide whether OL should be modified, suspended or revoked  
IE Info Notice 79-37 w/errata sheet & info request encl  
EISENHUT, D G Division of Operating Reactors 80/02/25 5pp

8003140083 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/27 1p

8003120445 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director,  
80/02/29 1p

8003140356 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 7pp

8003250268 Forwards safety evaluation to document NRC review of util feedwater piping sys insps performed in response to IE Bulletin 79-13  
REID, R W Operating Reactors Branch 4 80/03/05 2pp

---8003250274 Safety evaluation re actions taken in response to IE Bulletin 79-13, "Cracking in Feedwater Piping Sys" Nondestructive & visual insps & toughness of piping matls adequate to ensure piping integrity  
\* Office of Nuclear Reactor Regulation 80/03/05 2pp

8003180271 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director,  
80/03/06 1p

8003180026 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190240 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260276 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260380 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director,  
80/03/10 1p

8003260113 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250264 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260016 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

R Periodic operating reports & related correspondence

8003060036 Forwards "Semiannual Effluent Release Rept Jul-Dec 1979" Advises that meteorological summary will be submitted later  
LUNDVALL, A E Baltimore Gas & Electric Co 80/02/29 1p

--8003060041 "Semiannual Effluent Release Rept, Jul-Dec 1979" \* Baltimore Gas & Electric Co 80/02/29 18pp

8003190485 Forwards monthly operating repts for Feb 1980  
MERSON, S D Baltimore Gas & Electric Co 80/03/13 1p

--8003190491 Monthly operating repts for Feb 1980  
MERSON, S D Baltimore Gas & Electric Co 80/03/13 2pp

S Reportable occurrences, LERs & related correspondence

8003180084 PNO-I-80-025 on 800211, auxiliary bldg evacuated upon receipt of gaseous radiation, waste processing & main vent alarms  
Ion exchanger outlet valve found not fully shut resulting in pressurization & backed-up radioactive water  
ARCHITZEL, R , KEIMIG, R , BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/12 1p

8003100136 PNO-I-80-025A on 800211, 40.5 Ci Xe-133 released representing 37% Tech Spec for instantaneous release On 800212 local emergency declared in auxiliary bldg again due to ion exchanger No release evident  
KEIMIG, R R , BRUNNER, E J Region 1, Philadelphia, Office of the Director 80/02/13 1p

8003110365 RO 80-11 on 800227, during routine surveillance testing, diesel generator 21 did not achieve rated speed in less than 10-s Adjustments to governor control sys required Details re cause & corrective actions will be provided in 14-day rept  
DENTON, R E Baltimore Gas & Electric Co 80/02/28 1p

8003050451 Forwards LER 80-009/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/02/29 1p

--8003050454 LER 80-009/03L-0 on 800131, while conducting routine test, control element assembly (CEA) 32 dropped into core Cause unknown Technician will be assigned during next STP 0-29 to monitor operating parameters of all CEAs on real-time basis  
DAVIS, B M , BAUER, E R Baltimore Gas & Electric Co 80/02/29 2pp

8003050503 Forwards LER 80-007/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/02/29 1p

--8003050512 LER 80-007/03L-0 on 800130, while performing routine surveillance testing, discovered control element assembly 54 would not drive down electrically Cause not known Rod became operable during investigation of rod circuitry  
LAGIEWSKI, J B , BAUER, E R Baltimore Gas & Electric Co 80/02/29 2pp

8003190526 Forwards LER 80-011/01T-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/03/12 1p

--8003190531 LER 80 011/01T-0 on 800227, while testing diesel generator 21, unit failed to reach rated speed in 10-s or less Caused by slow response of diesel generator governor Governor replaced & will be inspected & overhauled by manufacturer  
DAVIS, B M , HUSEBY, D E Baltimore Gas & Electric Co 80/03/12 2pp

8003200446 Forwards LER 80-014/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/03/18 1p

--8003200452 LER 80-014/03L-0 on 800219, during surveillance test, Channel A of chemical & vol control sys isolation logic would not function w/receipt of trip signal from sensor channel Caused by failure of module input circuit  
HEIBEL, R P , RIZZIO, P G Baltimore Gas & Electric Co 80/03/19 1p

8003260617 Forwards LER 80-012/03L-0  
RUSSELL, L B Baltimore Gas & Electric Co 80/03/19 1p

# DOCKETED ITEMS

151

--8003260623 LER 80-012/03L-0 on 800219, during routine surveillance, small leak discovered on charging pump common suction header relief valve. Caused by vibration induced metal fatigue in heat-affected zone of welded penetration in header. HUSEBY, D E ; DAVIS, S M Baltimore Gas & Electric Co 80/03/19 2pp

DOCKET 50-320 THREE MILE ISLAND NUCLEAR STATION, UNIT 2

F Security, medical, emergency & fire protection plans

8003130124 Requests approval of proposals to defer annual radiation emergency drill to 800207 & to perform mini-drills to improve health physics practices. Radiation emergency drill will be performed before 800331. WILSON, R F Metropolitan Edison Co 80/01/30 2pp

8003170116 Concurs w/program outlined in 800190 ltr to correct major matl & personnel problems identified during Jan 1980 casualty drills. Next drill scheduled for 800331. COLLINS, J T TMI-2 Operations/Support 80/02/11 4pp

8003270144 Advises that Emergency Procedure 2202-S 1 has been written & will be submitted by Feb 1980, permitting sealing of penetration externally to containment bldg. WILSON, R F Metropolitan Edison Co 80/02/28 1p

0 Adjudicatory correspondence

7908280595 Expression alarm & concern over continuing dangers at TMI re dumping of Sr-90 into Susquehanna River & Kr-85 into atmosphere. Requests documentation re these alleged violations by util. WOLF, B Affiliation Unknown 79/08/21 2pp

8003100023 Forwards 800131 subpoena for EW Beuerlein to testify at 800225 hearing in Harrisburg, PA. Documents re landings & takeoffs at Harrisburg Intl Airport should be brought to proceeding. CHANDLER, L J Office of the Executive Legal Director 80/02/06 1p

8003170128 Forwards subpoena for appearance of behalf of NRC & advises of hotel accommodations. CHANDLER, L J Office of the General Counsel 80/02/06 1p

--8003170131 Subpoena requiring C Billie to testify on 800225 on behalf of NRC in Harrisburg, PA. ROSENTHAL, A S Atomic Safety and Licensing Board Panel 80/01/31 1p

8003050238 Responds to 791212 ltr re failure to evacuate during TMI-2 accident. On 790330, Governor of PA advised that pregnant women & preschool age children within five-mile radius should leave area. Advisory was lifted on 790409. DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

--8003050249 Expresses opposition to further development of nuclear power. US is neither technologically nor morally advanced enough to deal w/responsibility of nuclear power & threat to human environ. BULLIVAN, S T Affiliation Unknown 79/12/12 1p

8003190418 Responds to 790815 mailgram to Hendrie re release of krypton gas from TMI. NRC will evaluate impact & evaluation made public before any radioactive gas is released or disposed of in any manner. DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

--8003190427 Protests release of krypton gas from TMI-2. BRIGHAM, S Affiliation Unknown 79/08/15 1p.

8003050009 Responds to 790824 telegram expressing opposition to restart of TMI-1. Forwards 790809 Commission order outlining issues to be considered during public hearing. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003050015 Expresses opposition to restart of TMI-1. Demands closing of facilities & moratorium on licensing of all new nuclear plants. JONES, M B Affiliation Unknown 79/08/24 1p

--8003050016 Urges delay in licensing new plants. Asks that TMI-1 not be permitted to reopen. JONES, M B Affiliation Unknown 79/08/24 1p

8003060058 Responds to 790818 ltr re reopening of facility. Advises that public meeting will be held re facility restart. Forwards summary NUREG-0558 & Commission Order W/o encl. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 3pp

--8003060064 Expresses opposition to restart of facility. Questions assertions that releases of radioactivity during TMI accident were minimal. Urges permanent closure of facility & revocation of QL. TALEFF, G Affiliation Unknown 79/08/18 3pp

8003070186 Responds to ltr opposing reopening of Unit 1. Public hearing will be held to determine restart. W/o encl. 790809 order. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003070221 Opposes reopening of reactor. Urges NRC to close facility permanently. KRIVENKO, T Affiliation Unknown 80/02/15 1p

8003070316 Notifies that C Kepford will represent intervenors in facility proceedings. No witnesses presented in Radon-222 proceedings. On 800220 intervenors will advise ASLAB on intentions to request subpoena for TWA pilot. Bvc list encl. KEPFORD, C Affiliation Unknown 80/02/15 3pp

8003190360 Responds to ltr to Hendrie opposing reopening of TMI-1. Notifies that public meeting w/NRC & util will be held to hear public questions & statements prior to any decision on TMI-1. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p

--8003190377 Opposes reopening of TMI-1 due to Met Ed repeated safety violations & disregard of NRC regulations. KRIVENKO, T Affiliation Unknown 80/02/15 1p

800310271 Responds to 790413 ltr re TMI-2 accident. NRC has ordered TMI-1 restart hearing. Util authority to operate TMI-2 was suspended by NRC 790720 order. No commercial facilities are licensed to bury low level radwaste in PA. DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 2pp

--800310275 Requests that util QL for TMI facility be revoked, that all nuclear power plant const in US be halted & that no nuclear waste be dumped in state of PA. PATTERSON, R Affiliation Unknown 79/04/13 1p

8003070312 Advises of 800219 telcon w/licenseses & intervenors. Agreement reached on direct testimony & cross-examination re radon release issue. Submits order of presentation for ASLAB approval. BORDENICK, B M Hearing Branch 4 80/02/20 2pp

8003100007 Expresses appreciation for sharing views re Rogovin rept on TMI accident. ROGOVIN, M Rogovin, Stern & Hugs 80/02/20 1p

8003060462 Notifies that NRC witness RM Wilde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining. Revised testimony encl. BORDENICK, B M Hearing Branch 4 80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from worked-out U mines. WILDE, R M Division of Fuel Cycle & Material Safety 80/02/22 17pp

8003130676 Responds to 800126 ltr Release of krypton gases from Unit 2 reactor bldg not currently permitted. VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p

--8003130677 Protests proposed krypton release. GOLDEN, J Affiliation Unknown 80/01/26 1p

8003130606 Responds to telegram re release of low level radiation from facility. Release of radioactive gases not currently permitted. NRC will evaluate methods of disposal. DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p

--8003130608 Protests proposed release of low level radiation from facility. GOCLOWSKI, J Affiliation Unknown 79/08/14 1p

8003130614 Ack receipt of 790822 ltr re discharge of water from facility. Only liquid w/low or nondetectable levels of radioactivity permitted to be released into Susquehanna River. DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp

## DOCKETED ITEMS

- 8003130617 Protests discharge of possibly contaminated water from facility  
SEARS, S Affiliation Unknown 79/08/22 2pp
- 8003130656 Responds to ltr re accident at facility Licensing will be delayed until evaluation of NRC & Kemeny Commission recommendations  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003130664 Requests revocation of facility license & moratorium on licensing any nuclear power plant  
STONE, E Affiliation Unknown 80/03/09 1p
- 8003140025 Responds to 790820 ltr expressing concern re radioactive releases from TMI & desire to close facility permanently  
Describes status of NRC actions  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003140029 Expresses concern re radioactive releases from TMI & desire to close facility permanently  
HUGHES, C Affiliation Unknown 79/08/20 2pp
- 8003140037 Refers misdirected ltr from C Hughes for reply Ltr & White House 790905 memo encl  
RATHKOFF, C L Energy Dept of 79/10/22 4pp
- 8003170025 Responds to 790829 ltr requesting permanent closing of facility Public hearing will be conducted  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170029 Requests burial of facility  
PERKINS, J Affiliation Unknown 79/08/27 1p
- 8003200577 Responds to MN Blair 790822 ltr opposing util plans to release radioactive air from TMI facility Release of radioactive gas from reactor bldg not currently permitted  
NRC to evaluate impact of radioactive gas disposal from TMI  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003200591 Expresses opposition to util plans to release radioactive air from TMI facility NRC immediate action to stop util  
From releasing radioactivity info air will ensure health & welfare of future generations  
BLAIR, H N Affiliation Unknown 79/08/22 1p
- 8003210010 Responds to FE & MK Enterline 790826 ltr opposing reopening of TMI & nuclear power Hearing to be conducted to determine whether facility should be operated  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003210013 Expresses opposition to reopening of facility, use of nuclear power & importing of nuclear waste from foreign countries  
NRC is criminally negligent allowing nuclear facilities to operate w/o safe means of storing or disposing of radwastes  
ENTERLINE, F E, ENTERLINE, H K Affiliation Unknown 79/08/26 2pp
- 8003210019 Responds to J Hurst 790802 opposition to Met Ed actions re TMI accident Releases of contaminated water w/low or nondetectable radioactivity contain levels of radioactivity indistinguishable from existing background levels  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003210025 Expresses opposition to Met Ed actions re TMI accident Util discharged 4,000 gallons of water into Susquehanna River w/o analyzing water for presence of strontium Util is incompetent & interested only in financial well-being  
HURST, J Affiliation Unknown 79/08/02 1p
- 8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per agreement re radon issue Responses may be filed on 800627 Parties may address ALAD-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 2pp
- 8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per parties agreement re radon issue Responses may be filed on 800627 Parties may address ALAD-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 2pp
- 8003180253 Order directing parties to submit findings of fact & conclusions of law re aircraft crash probability issue by 800425 Responses thereto may be filed by 800509  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 1p
- 8003170082 Requests revoking Met Ed license  
RHODAS, A, RHODAS, M Affiliation Unknown 80/03/09 1p
- 8003170086 Requests shutdown of facilities  
\* Affiliation Unknown 80/03/09 2pp
- 8003170045 Forwards NUREG/CR-0627, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0628, PNL-2889 revision re prediction of net radon emission from model open pit U mine H/O encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p
- 8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cs-137, per CR Keppford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4 80/03/18 1p
- 8003260627 Opposes venting of krypton gas from TMI-2 & restart of TMI-1 Citizens should not be exposed to constant low level radiation w/questionable health effects  
WIBLE, S Affiliation Unknown 80/03/18 1p
- 8003260506 Opposes release of contaminated water into Susquehanna River Requests that release of low level radiation be avoided until safety questions answered Supports permanent closing of plant  
FERRET, Y M, CAPROWSKI, J J Affiliation Unknown 80/03/20 1p
- H General correspondence  
-----
- 7908060297 Requests documentation on purging of containment vessel, KR-85, & radioactive waste water Expresses concern re 790725 release of radioactive water into Susquehanna River & requests notification of public hearings  
BUFOUR, L Affiliation Unknown 79/07/30 1p
- 7909070562 Ack receipt of 790413 ltr re concern w/radioactivity of two mineral specimens, Carnotite & Samarskite held in apartment Both mats radioactive However, mineral specimens not considered of significant hazard  
CONGEL, F J Radiological Assessment Branch 79/08/09 1p
- 7909070569 Questions safety of radioactive mats in apartment  
CLADAVIS, W Affiliation Unknown 79/04/13 3pp
- 8001300337 Questions whether nuclear reactors under const will be upgraded in accordance w/Lessons Learned Task Force recommendations  
LEWIS, M J Affiliation Unknown 80/01/23 2pp
- 8003040721 Forwards Intelligence Journal 791213 article re planned venting of radioactive gases  
MITCHELL, L C Affiliation Unknown 80/01/23 3pp
- 8003120765 Responds to Contractors Salvage Co 791205 ltr opposing licensing moratorium TMI accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures & schedules  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003120766 Opposes NRC moratorium on issuance of DLs & CPs Nuclear energy important to reduction of oil imports  
PHILLIPS, T E, PHILLIPS, N A, PHILLIPS, D L Affiliation Unknown 79/12/05 2pp
- 8003130005 Responds to 791218 ltr from Switchcraft opposing licensing moratorium TMI accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures & schedules  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003130010 Opposes NRC moratorium on issuance of DLs & CPs Urges rescission of order due to need for energy & NRC safeguards since TMI accident  
LARSON, W L Raytheon Corp 79/12/18 1p
- 8003130021 Responds to 791213 ltr from Boeicon opposing licensing moratorium TMI accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures & schedules  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003130028 Opposes NRC moratorium on issuance of DLs & CPs Licensing could continue w/requirement of satisfactory evacuation plan  
MAXWELL, F W Boeing Construction Co (subs of Boeing Co) 79/12/13 1p

# DOCKETED ITEMS

153

- 8003130038 Responds to 791220 ltr from B&O Insulation opposing moratorium TMI accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures & schedules  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003130045 Opposes NRC moratorium on issuance of CPs & QIs Addl delays will worsen effect of energy crisis  
SPRIGGS, L C B&O Insulation Inc 79/12/20 2pp
- 8003130054 Responds to 791210 ltr from FW Voss opposing licensing moratorium TMI accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures & schedules  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003130065 Opposes NRC moratorium on issuance of QIs & CPs Nuclear power projects should be evaluated on individual merit  
VOSS, F W Affiliation Unknown 79/12/10 1p
- 8003190474 Responds to 791219 ltr opposing licensing moratorium Accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures Preparation for review & approval underway  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003190476 Opposes NRC moratorium on issuance of CPs & QIs Startups would help save ten million barrels of oil yearly  
HARNEY, D P Pacific Pumps Div 79/12/19, 1p
- 8003190484 Responds to 791221 ltr opposing licensing moratorium Accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures Preparation for review & approval underway  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003190505 Opposes NRC moratorium on issuance of CPs & QIs Requests reconsideration due to OPEC decision  
LEVINE, G M Harsco Corp, Quaker Alloy Casting Co Div 79/12/21 1p
- 8003190490 Responds to 791214 ltr opposing licensing moratorium Accident resulted in need to improve safety Action plan will include safety objectives & implementation procedures Preparation for review & approval underway  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003190504 Opposes NRC moratorium on issuance of QIs & CPs Industry study shows operation of seven plants by June would reduce oil consumption by 200,000 million gallons per day  
HEBELER, H K Boeing Co 79/12/14 1p
- 8003190494 Responds to 791217 ltr opposing licensing moratorium Accident resulted in need to improve safety Action plan will include improved safety objectives & implementation procedures Preparation for review & approval underway  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p
- 8003190501 Opposes NRC moratorium on issuance of CPs & QIs Licenses for "handful" of reactors should not be withheld  
GORDON, R H Gibbs & Hill, Inc (subs of Dravo Corp) 79/12/17 1p
- 8003100005 Responds to 790403 & 1214 ltrs re TMI accident NRC does not seed rainclouds TMI caused small radiation doses Environ monitoring assures that no radionuclide buildup exists Only background radiation found in testicle sample  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/07 2pp
- 8003100006 Describes conditions since TMI accident & requests NRC to stop nuclear abuse  
HOLQWAK, P Affiliation Unknown 79/06/03 3pp
- 8003180201 Discusses invitation to make presentation re impacts of TMI accident to fisheries of Susquehanna River at Potomac Chapter of American Fisheries Soc 1980 annual meeting  
HICKEY, C Environmental Specialists Branch 80/02/08 1p
- 8003180204 Extends invitation to make presentation re impacts of TMI accident to fisheries of Susquehanna River at Potomac Chapter of American Fisheries Soc 1980 annual meeting Requests confirmation Abstract of paper encl  
PROSSER, N S American Fisheries Society, Inc 80/02/05 3pp
- 8003180208 Forwards American Fisheries Soc 800121 approval of presentation for Northeast Fish & Wildlife 1980 conference  
HICKEY, C Environmental Specialists Branch 80/01/28 1p
- 8003180213 Notifies that paper re impacts of TMI accident to fisheries of Susquehanna River has been approved for presentation at Northeast Fish & Wildlife 1980 conference Abstract of paper encl  
NETH, P C Affiliation Unknown 80/01/21 4pp
- 8003040701 Responds to 790416 ltr re maint of water coolant chemistry records Analysis currently required on items considered to be major cause of degradation to primary coolant boundary mats More research needed on trace elements  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 2pp
- 8003040706 Responds to 790416 ltr recognizing importance of coolant water analysis Advises of continuing research re mechanisms of corrosion & transport of corrosion products within LWR sys, effect of trace elements & stress corrosion  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 2pp
- 8003040710 Suggests that operators of similar reactors be required to maintain records of cooling water composition Knowledge of trace elements might help forecast stress cracking  
PARSHALL, G W C I du Pont de Nemours & Co, Inc 79/04/16 1p
- 8003060305 Discusses actions necessary prior to restart of facilities, liability limitations of Price-Anderson Act, storage of spent fuels & alternate methods of energy production in response to encl 791219 ltr to President Carter & resolution  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 7pp
- 8003100010 Responds to 791211 ltr forwarding correspondence between AG Daniels & J Kemeny re reactor vessel water levels NRC requires facilities to add instrumentation for water level indication  
DENISE, R P Assistant Director for Reactor Safety 80/02/14 5pp
- 8003160018 Requests comments on J Kemeny 791207 ltr & AG Daniels 791211 response re reactor vessel water level indicator use  
DANIELS, A G Affiliation Unknown 79/12/11 6pp
- 8003120642 Responds to 791104 ltr re nuclear power plant licensing NRC committed to protect public health & safety Action plan including improved safety objectives & implementation criteria being prepared to be forwarded to utility  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp
- 8003120646 Notifies that 791104 ltr to President Carter supporting nuclear power has been forwarded to NRC for reply Ltr encl  
THEREAULT, J P Energy, Dept of 79/12/20 3pp
- 8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/ similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p
- 8003190882 Forwards S Corad 800122 ltr to President Carter re TMI incident for reply  
RATHKOFF, C L Energy, Dept of 80/01/22 3pp
- 8003040242 Expresses appreciation for 791011 ltr re disposal of radioactive water from TMI Ltr was forwarded to personnel preparing programmatic EIS on decontamination & disposal of TMI-2 radwastes  
VOLLMER, R H TMI 2 Operations/Support 80/02/15 1p
- 8003040255 Expresses appreciation for 790402 ltr to President Carter suggesting method to improve conditions at TMI-2 Efforts of NRC state & local authorities will assure continued cooling of reactor core  
DENTON, H R Office of Nuclear Reactor Regulation 79/09/14 3pp
- 8003050807 Expresses concern re implementation of TMI Lessons Learned Task Force recommendations & continuation of NRC policy of licensing large power reactors near urban areas  
BURGESS, D Affiliation Unknown 80/02/15 2pp
- 8003060107 Ack receipt of 790820 ltr Advises that release of contaminated water is not permitted Discusses use of EPICOR-II water treatment sys to be addressed in environ assessment per 790525 Commission statement  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 2pp
- 8003060116 Expresses disapproval of proposed dumping of contaminated water from facility  
SNADER, G R Affiliation Unknown 79/08/20 1p
- 8003130273 Responds to 791219 inquiry re role of nuclear power in solving energy crisis & events at TMI Excerpts from NRC reports to Congress on AOs, "Energy Alternatives Comparative Analysis" & President's "Nat'l Energy Plan 2" encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 44pp

## DOCKETED ITEMS

- 8003130278 Requests info re role of power nuclear power in solving energy crisis & accident at TMI  
FACALA E M Affiliation Unknown 7/12/19 1p
- 8003140075 Forwards NUREG-0632 re NRC view & analysis of recommendations of President's Commission on TMI accident in response to 800110 ltr of support  
VOLLMER, R H NRC Three Mile Island Task Force 80/02/15 1p
- 8003140088 Requests Commission issue strong affirmative rept that accident at TMI did not harm anyone in response to J Fonda's film Quest editorial from American Industrial Hygiene Assoc Journal encl  
ALLISON, W W Affiliation Unknown 80/01/01 2pp
- 8003140116 Discusses order for mod of OL for TMI in response to 790329 ltr Problem areas addressed in order do not relate to accident or post-accident events No loss of offsite power occurred Forwards NUREG-0568 W/o encl  
VOLLMER, R H TMI-2 Operations/Support 80/02/15 3pp
- 8003140126 Inquires whether order for mod of license was in force at time of TMI-2 accidents  
GARRETT, E G Affiliation Unknown 79/03/29 1p
- 8003170079 Protests practices of Met Ed  
BARDELL, M Affiliation Unknown 80/02/15 1p
- 8003190333 Responds to 791212 ltr re licensing of nuclear power plants Action plan currently in preparation for NRC review & approval Every effort being made to avoid unnecessary delays  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003190338 Urges rescinding freeze on issuing CPs & OLs to nuclear power plants Cites shortages of alternative sources of power & availability of nuclear power  
LYCAN, G A Affiliation Unknown 79/12/12 2pp
- 8003190346 Responds to 791213 ltr re licensing of nuclear power plants Action plan currently in preparation for NRC review & approval Every effort being made to avoid unnecessary delays  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003190351 Opposes 791105 decision re steps on issuing CPs & OLs to nuclear power plants  
EADS, R Affiliation Unknown 79/12/13 1p
- 8003190381 Responds to 791218 ltr re licensing of nuclear power plants Action plan currently in preparation for review & approval by NRC Every effort being made to avoid unnecessary delays  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003190385 Requests assistance in overturning decision re freeze on issuing CPs & OLs Cites costs in terms of oil used & burden on ratepayers  
SULLIVAN, J M Affiliation Unknown 79/12/18 2pp
- 8003190393 Responds to util 791213 ltr re licensing of nuclear power plants Action plan currently in preparation for review & approval by NRC Every effort being made to avoid unnecessary delays  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003190399 Urges NRC to set agenda & schedule for resolving issues raised by Kemeny rept  
HOGAN, F J Omaha Public Power District 79/12/13 1p
- 8003190407 Responds to util 791213 ltr re licensing of nuclear power plants Action plan currently under preparation & resulting requirements will be transmitted to all utils concerned Every effort being made to avoid unnecessary delays  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003190409 Urges NRC finalize public agenda & schedule for resolving issues raised by Kemeny rept  
SHALLA, L C Omaha Public Power District 79/12/13 1p
- 8003210250 Responds to 790330 telegram to President Carter suggesting ways to mitigate TMI accident NRC appreciates communications of concerned citizens Telegram encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 2pp
- 8003210286 Responds to 790330 ltr to President Carter re health effects of TMI-2 accident Average dose of radioactivity received within 50 miles was approx four millirems Mar exposure was less than 100 millirems, less than yearly natural dose  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 3pp
- 8003310072 Responds to 800115 ltr re opening of NRC ofc in Middletown, PA for securing more exact control of facility operations to prevent future incidents Ofc was opened to provide public w/convenient place to meet w/NRC technical personnel  
COLLINS, J T TMI-2 Operations/Support 80/02/15 1p
- 8003310075 Discusses opening of NRC ofc in Middletown, PA to secure more exact control of facility operations to prevent future incidents  
BACON, C G Affiliation Unknown 80/01/15 1p
- 8003100160 Summarizes status of proceedings re 790702 order requiring facility to remain in cold shutdown in response to 791111 ltr favoring plant return to svc Facility restart should be achieved before end of 1980  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 3pp
- 8003100164 Favors facility return to svc on basis of constant check for safety hazards per existing safety regulations  
SMITH, D M Affiliation Unknown 79/11/11 1p
- 8003100239 Ack receipt of 800205 ltr providing comments for programmatic EIS on decontamination & disposal of accident radwaste  
SELLS, D E Environmental Projects Branch 2 80/02/25 1p
- 8003120294 Ack receipt of 800131 ltr providing comments for programmatic EIS on decontamination & disposal of accident radwaste  
SELLS, D E Environmental Projects Branch 2 80/02/25 1p
- 8003130137 Ack receipt of 800215 ltr re programmatic EIS on decontamination & disposal of radwaste resulting from TMI accident Comments being considered in preparation of statement  
SELLS, D E Environmental Projects Branch 2 80/02/25 1p
- 8003130666 Responds to ltr re use of EPICOR-II water treatment sys Discharge of EPICOR-II processed water not currently authorized by NRC  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003130668 Opposes use of EPICOR-II water purification sys at facility  
STRICKLER, D Affiliation Unknown 79/10/17 1p
- 8003170122 Ack receipt of 800215 ltr providing comments for programmatic EIS on decontamination & disposal of accident radwaste  
SELLS, D E Environmental Projects Branch 2 80/02/25 1p
- 8003190314 Responds to 790904 ltr re release of radiation from TMI Before any release can take place NRC will prepare environ appraisal & hold public meeting  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 2pp
- 8003190320 Expresses concern for safety of population re release of radiation Requests that gas not be released from reactor  
MANFRED, G Affiliation Unknown 79/09/04 2pp
- 8003190434 Responds to L Marshall 791030 ltr to H Denton re TMI Commission issued policy statement on 791121 emphasizing intentions to coordinate issuance of EIS on disposal of wastes from TMI-2 accident w/ Presidential council  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003190443 Notifies that request for discussions re pilot operated relief valve available in NRC PDR & will be forwarded under separate cover  
WOODHEAD, C P Hearing Branch 3 80/02/25 1p
- 8003190763 Responds to 790612 ltr re storage of radwaste generated at nuclear plants  
VOLLMER, R H TMI-2 Operations/Support 80/02/25 1p
- 8003190767 Requests info re storage of waste from nuclear plants  
MORRISON, C Affiliation Unknown 79/06/12 1p
- 8003210291 Responds to 800218 ltr providing comments for programmatic EIS re decontamination & disposal of radioactive gases resulting from TMI-2 accident Comments are being considered in preparation of statement  
SELLS, D E Environmental Projects Branch 1 80/02/25 1p
- 8003100002 Responds to D Alley 790503 request for info re TMI accident & nuclear facilities Publications list, costs & availability outlined Summaries of NUREG-0558 & NUREG-0660 encl W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/26 3pp

# DOCKETED ITEMS

155

- 8003100003 Requests info re TMI accident & nuclear facilities to be used in rept on nuclear energy  
ALLEY, D Affiliation Unknown 79/05/03 1p
- 8003100016 Forwards NRC final rept on TMI in response to 790410 mailgram to President Carter offering svc on Kemeny Commission investigating accident at facility W/o encl  
JJ Mackalonis 790410 mailgram encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/26 1p
- 8003100033 Responds to S Sigmon 790502 request for info re TMI facility & accident Publications list, costs & availability outlined  
Summaries of NUREG-0558 & NUREG-0600 encl W/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/26 3pp
- 8003100034 Requests info re TMI accident & facility to aid in junior high school science class assignment  
SIGMON, S Affiliation Unknown 79/05/02 1p
- 8003170062 Forwards rept on reactor licensing process to confirm points made in 800211 telcon  
VOLLMER, R H TMI-2 Operations/Support 80/02/26 8pp
- 8003170065 Inquires whether merits of once-through sys vs U tube sys have been evaluated on basis of pre-TMI records  
WORKMAN, B Affiliation Unknown 79/05/22 4pp
- 8003200038 Responds to C Singer 790409 comments & request for info re TMI accident Public hearing to be conducted by NRC to determine whether facility should be operated Summary of NUREG-0600 & NRC order re hearing encl W/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/26 2pp
- 8003200040 Requests info re TMI accident Concern expressed about future errors at TMI if reopened  
SINGER, C Affiliation Unknown 79/04/09 2pp
- 8003100012 Discusses preparation of EIS covering all aspects of decontamination of TMI-2 Facility & disposal of resulting wastes in response to 800124 ltr re concerns over decontamination program  
MULLER, D R Division of Site Safety & Environmental Analysis 80/02/27 2pp
- 8003140065 Forwards NUREG-0578 "TMI-2 Lessons Learned Task Force Status Rept & Short-Term Recommendations," in response to 800113 ltr expressing concerns that lessons learned re upgrading were not being applied to plants under const W/o encl  
VARGA, S A Assistant Director for Light Water Reactors 80/02/27 1p
- 8003120686 Responds to N Hanna /790514 request for info re TMI accident Publications list, costs & availability outlined Summaries of NUREG-0558 & NUREG-0660 encl W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003120691 Requests info re TMI accident, accident prevention & radiation effects on people  
HANNA, N Affiliation Unknown 79/05/14 3pp
- 8003130144 Forwards NUREG-0558, "Population Dose & Health Impact of Accident of TMI," in response to 790427 requests for info re radiation doses incurred by public resulting from accident W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003130639 Responds to ltr re nuclear energy Programmatic EIS for decontamination being prepared by NRC Public will be allowed to comment  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130644 Responds to 790813 ltr re expeditious restart of Unit 1 Restart could not occur before Sept 1980  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130647 Requests expeditious restart of Unit 1  
OWEN, J R Affiliation Unknown 79/08/13 1p
- 8003130651 Responds to request for info re facility Forwards summaries of NUREG-0558 & NUREG-0600 W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003130653 Requests info re facility.  
KOCH, R Affiliation Unknown 80/03/09 1p
- 8003130671 Responds to 790417 ltr requesting info re facility Forwards NUREG-0600 Questions concerning R&D should be addressed to DOE W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003130674 Requests info re facility by 790428  
QUIOLEY, R J Affiliation Unknown 79/04/17 2pp
- 8003140043 Responds to ltrs opposing radioactive releases from facility Public meetings will be held prior to decision on gas disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003140051 Opposes radioactive matl release into air from facility  
HAUPERT, T J Affiliation Unknown 79/08/14 1p
- 8003140059 Opposes radioactive matl release into air from facility  
HAUPERT, S A Affiliation Unknown 79/08/14 1p
- 8003140054 Discusses TMI-2 accident & status at scheduled hearings on plant restart in response to 790730 request for info Hearing date not set  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170016 Responds to ltr re i-131 emissions from facility Principal isotopes in escaped gases were Xe-133 & Xe-135  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170019 Requests info re i-131 emissions from facility  
PETKO, W J Affiliation Unknown 80/02/28 1p
- 8003170034 Responds to 790421 ltr re facility Accident was not hoax Forwards summaries of NUREG-0558 & NUREG-0660 W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003170038 Requests info re National Enquirer article concerning TMI hoax  
TAUBE, J Affiliation Unknown 79/04/21 1p
- 8003170042 Responds to 790821 ltr re release of radioactive matls from TMI Release of radioactive gases & contaminated water not currently permitted  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170051 Responds to 790805 ltr submitting editorial on accident Describes conditions of restart, plant recovery, siting of nuclear plants & financial impacts  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170056 Forwards editorial re Unit 2 accident & related issues including safeguards, remote siting & financing of plants  
SPANGL, J R Affiliation Unknown 79/08/05 5pp
- 8003170060 Responds to 790421 & 24 ltrs re radiation doses & new requirements resulting from Unit 2 accident Investigation found no evidence of intentional malicious actions Ltr to DOJ dtd 790424 encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170067 Requests info re radiation doses resulting from facility accident  
WALTERS, P A Affiliation Unknown 79/04/21 1p
- 8003170070 Responds to ltr to President Carter expressing views on nuclear power Emergency sys at facility did turn on automatically  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003170089 Responds to 790816 ltr re release of radioactive gases at facility Release of gases not currently permitted NRC will evaluate impact of disposal method & hold public meeting on issue  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003170098 Protests planned releases of radioactive gases at facility  
BIXLER, G Affiliation Unknown 79/08/16 2pp
- 8003170104 Responds to 790501 ltr re use of interlocks & other safety features at facility Describes TMI task force activities & forwards excerpt from NUREG-0578 W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003170108 Inquires whether mods ordered for facility include interlocks or alarms on emergency cooling sys valves Access to Energy newsletter re accident encl  
JOHNSON, R W Affiliation Unknown 79/05/01 5pp

## DOCKETED ITEMS

- 8003190099 Ack receipt of 800207 ltr re decontamination program Effects of radioactive releases on public health & safety will be discussed in detail in EIS to be issued prior to release of wastes Draft EIS to be forwarded for comment  
MULLER, D R Division of Site Safety & Environmental Analysis  
80/02/28 2pp
- 8003210003 Responds to C Egenrieder 790424 comments & request for info re TMI accident Small radiation dose received by local citizens came from radioactive gases escaping auxiliary bldg Summary of NUREG-0558 encl w/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 3pp
- 8003210005 Expresses appreciation for bringing calm to communities near TMI & concern re closing of local industry & possibility of general evacuation Info re possible evacuation & eventual return to TMI area requested  
EGENRIEDER, C Affiliation Unknown 79/04/24 1p
- 8003250355 Responds to 790403 request for publications re TMI-2 accident NUREGs 0558, 0578, 0585 & 0600 are currently available Price of each listed Summary of NUREGs 0558 & 0600 encl w/o encls  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003250357 Requests final rept re 790326 TMI-2 accident Expresses particular interest in details of mechanism which created hydrogen bubble & in plans of other utilities to avoid same problem  
HASON, T El Paso Natural Gas 79/04/03 1p
- 8003250370 Responds to request for info re radiation levels Radiation dose 60 miles from TMI was indistinguishable from natural background levels Radiation level at Guilford, NY was not changed by accident NUREG-0558 summary encl w/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003250374 Requests info re radiation levels at Guilford, NY due to TMI-2 accident Daughter may attend camp in Guilford  
MOSKOWITZ, D Affiliation Unknown 80/03/10 2pp
- 8003250384 Responds to 790815 mailgram opposing release of radiation from TMI-2 Release of radioactive gases & contaminated water is not permitted Only liquids containing low or undetectable radioactivity levels are released into Susquehanna River  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003250386 Opposes release of low level radiation from TMI-2 Exposure to low level radiation is harmful to humans, animals & environ  
ADAIR, R C , ADAIR, S Affiliation Unknown 79/08/15 1p
- 8003310039 Responds to ltr re info on NRC & facility Forwards brief description of Commission history & functions & summary rept on incident Exemption from federal regulations allowed change in testing of personnel airlock w/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003310050 Requests info re facility incident & history of NRC  
CLARK, D R Affiliation Unknown 80/02/28 1p
- 8003310056 Responds to 790819 ltr opposing use of EPICOR-II & disposal of contaminated water to local rivers NRC does currently permit discharge of water processed by EPICOR-II Disposal of water will be addressed in environ assessment  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 2pp
- 8003310060 Opposes use of EPICOR-II  
KING, C Affiliation Unknown 79/08/19 2pp
- 8003310065 Forwards summary of NUREG-0558, "Population Dose & Health Impact of Accident at TMI," in response to ltr Radiation level at camp in Guilford, NY would not have changed because of TMI accident  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003170427 Responds to EIS re cleanup procedures EIS fails to consider several areas of major importance Studies should be included re Chesapeake Bay ecotys, all river life, water quality & terrestrial life  
KROEHLER, C , MILLER, S, RADINOVSKY, B Millersville State College  
80/02/29 3pp
- 8003250352 Forwards draft Vol II of TMI Special Inquiry Group rept in response to request Final copy will be forwarded when available w/o encl  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/03 1p
- 8003310033 Responds to 791207 ltr re licensing of nuclear power plants Action plan being prepared re safety objectives & criteria & deadlines for implementation  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p
- 8003310035 Opposes NRC freeze on CPs Requests that decision re freeze be reconsidered Dependence on foreign oil must be alleviated  
PARKER, W E Affiliation Unknown 79/12/07 1p
- 8003310157 Responds to 800108 ltr re licensing of nuclear power plants Action plan being prepared will include safety objectives, w/criteria & deadlines for implementation  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p
- 8003310160 Expresses concern re NRC 791105 freeze on issuance of CPs & DLs for nuclear power plants Freeze ignores initiatives taken by nuclear power industry since TMI incident  
ROENRIG, C R US Steel Corp 80/01/08 2pp
- 8003310215 Responds to encl 791121 ltr to President Carter requesting position on nuclear energy problems Freeze ignores initiatives to Congress on radwaste mgmt program & 791207 statement re TMI Commission rept encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 12pp
- 8003310444 Responds to 791210 ltr re facility licensing & discusses preparation of action plan for implementing safety objectives  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p
- 8003310447 Urges lifting of licensing moratorium  
JACKSON, T P Affiliation Unknown 79/12/10 1p
- 8003120560 Indicates concern re TMI & related issues Feels reassured that NRC has remained firm to commitment to prepare adequate EIS prior to specific aspects of cleanup Suggests citizen advisory committee to assist NRC w/EIS  
HELMECZIL, D Affiliation Unknown 80/03/06 1p
- 8003310062 Responds to 791127 ltr to President Carter Action plan being prepared re actions to be taken in response to TMI-2 investigators' recommendation  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/10 3pp
- 8003280400 Responds to MF Clark, M Lane, LW Link & JF Welsh ltrs re financial condition of General Public Utils & about TMI NRC presently conducting licensing board hearing to determine whether TMI-1 can resume operations during TMI-2 cleanup  
GILINSKY, V Commission 80/03/11 2pp
- 8003280406 Expresses concern about financial condition of General Public Utils & supports restart of TMI-1 TMI-1 should not be restricted in operation unless other facilities also restricted  
CLARK, M E Affiliation Unknown 80/02/25 1p
- 8003280410 Expresses concern about financial condition of General Public Utils & supports restart of TMI-1 NRC, NJ Board of Public Utils & PA Public Utils Commission should expedite rate relief requested by util  
LANE, M Affiliation Unknown 80/03/02 1p
- 8003280417 Expresses support of nuclear power & restart of TMI-1 at earliest possible date  
LINK, L W Affiliation Unknown 80/03/11 1p
- 8003280420 Supports restart of TMI-1 at earliest possible date & expresses concern re suspended dividend payments from General Public Utils due to idle facility  
WELSH, J F Affiliation Unknown 80/03/01 1p
- 8003200117 Forwards 800225 hearing transcript re aircraft crash probability issue, to be borrowed during proceeding  
CHANDLER, L J Hearing Branch 1 80/03/13 1p
- 8003310202 Ack receipt of 800364 ltr providing comments for programmatic EIS on decontamination & radwaste disposal from accident  
SELLS, D E Environmental Projects Branch 2 80/03/19 1p
- 8003310201 Ack receipt of 800229 ltr providing comments for programmatic EIS on decontamination & radwaste disposal from accident  
SELLS, D E Environmental Projects Branch 2 80/03/20 1p

# DOCKETED ITEMS

157

8003310465 Responds to 800124 ltr re facility licensing & discusses preparation of action plan for implementing safety objectives  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 1p

--8003310471 Urges lifting of licensing moratorium  
DAVIS, E R Affiliation Unknown 80/01/24 1p

8003310304 Discusses 800319 meeting in Middletown, PA. 800320 television broadcast, & lack of NRC credibility w/citizens  
\* Affiliation Unknown 80/03/31 1p

## J Insurance & indemnity information

7906210206 Forwards A Kelly testimony from hearing of Natl Association of Insurance Commissioners re public protection from losses due to commercial use of nuclear energy  
QUATTROCHI, J L American Nuclear Insurers 79/06/14 7pp

8003310321 Requests extension of time, from 800401 to 0601, to comply w/10CFR170 re financial protection to cover public liability claims resulting from nuclear incident Extension will allow until to survey addl sources of liability insurance  
HERBEIN, J G Metropolitan Edison Co 80/03/26 1p

## D Advisory Committee on Reactor Safeguards reports & correspondence

8003060326 "Hydrogen Generation Licensing Implications & Design Basis Accidents"  
KASTENBERG, W E ACRS - Advisory Committee on Reactor Safeguards 79/10/03 21pp

800306002/ "Indication of Core Damage During TMI Accident"  
ABBOTT, E G ACRS - Advisory Committee on Reactor Safeguards 79/11/09 2pp

8003070220 Discusses effect of irradiation history on core decay heat production Tables encl  
STAMPELOS, J G ACRS - Advisory Committee on Reactor Safeguards 79/12/03 6pp

8003110276 Forwards notice of ACRS Subcommittee on TMI-2 Accident Implications 800305 meeting for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/02/13 1p

--8003110303 Notice of ACRS Subcommittee on TMI-2 Accident Implications 800305 meeting  
HOYLE, J C ACRS - Advisory Committee on Reactor Safeguards 80/02/13 2pp

8003110310 Forwards notice of ACRS Ad Hoc Subcommittee on TMI-2 Accident Action Plan 800305 meeting for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/02/13 1p

--8003110314 Notice ACRS Ad Hoc Subcommittee on TMI-2 Accident Action Plan 800305 meeting  
HOYLE, J C ACRS - Advisory Committee on Reactor Safeguards 80/02/13 2pp

## P Operating license stage documents & correspondence

7910140322 Ack receipt of 790914 ltr Offers solutions for disposal of contaminated water electron repulsion & double layering  
YEH, G C Villanova Univ 79/10/11 18pp

8003270176 Forwards "Preliminary Analysis & Views of NRC on Recommendations of President's Commission on Accident at TMI"  
DENTON, H R Office of Nuclear Reactor Regulation 79/11/14 1p

8001030044 Forwards request for addl info re automatic trip circuitry for reactor coolant pump motors info needed prior to design acceptability Ltr transmitted to utility responsible for  
Deonee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R N Operating Reactors Branch 4 79/12/18 6pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A, MEYER, R O Core Performance Branch 79/11/30 106pp

8003130328 Requests response to 791012 concerns re need to seal Penetration R-401 to contain reactor bldg sump water in event of Procedure EF-33 Draft procedure mentioned in 791112 ltr has not been received  
COLLINS, J T TMI-2 Operations/Support 80/01/23 4pp

8002290044 Forwards recommendations or ad hoc subgroup meeting on 800111, 15 & 22 re actions necessary to implement TMI action plan near-term OL requirements Cunningham 800125 memo also encl  
ARLOTT, G A Division of Engineering Standards 80/01/28 6pp

--8002290049 Comments on ad hoc subgroup recommendations re actions necessary to implement TMI action plan near-term OL requirements No legal objections to recommendations Informal methods of implementation risk repetitive litigations  
CUNNINGHAM, G H Office of the Executive Legal Director 80/01/25 4pp

8003040004 Responds to 791221 request for update re NRC participation in event of emergency at facility Primary role is to conduct investigations, verify implementation of emergency plans & procedures & assure protection of public health & safety  
ORLER, B H Region 1, Philadelphia, Office of the Director 80/01/28 1p

--8003040013 Requests update to NRC ltr of agreement re NRC participation in event of emergency  
HERBEIN, J G Metropolitan Edison Co 79/12/21 1p

8003130205 Forwards comments on revised radiation protection plans  
COLLINS, J T TMI-2 Operations/Support 80/01/28 10pp

8003130227 Describes review of 800114 memo to radiation protection plan File Release limits acceptable Addl info required to assure establishment of proper survey criteria Policy controlling surface criteria should be stated  
COLLINS, J T TMI-2 Operations/Support 80/01/28 4pp

8003130303 Discusses review of Revision 6 of mini decay heat removal sys design criteria document Acceptability dependent on update of Paragraph 3 5 4 & Paragraph 3 11 3 Figure 1 should be updated to B&R Drawing MO43, Revision 3 design  
COLLINS, J T TMI-2 Operations/Support 80/01/28 4pp

8003130309 Forwards procedure comment sheet on mini decay heat removal sys design document, SD TS-27, Revision 0 Document is incomplete due to omission of info re instrumentation alarm setpoints Requests addl info  
COLLINS, J T TMI-2 Operations/Support 80/01/28 9pp

8002140005 Discusses recent developments impacting waste disposal operations at commercial low level waste burial sites Forwards license & ltr from State of SC to Chem-Nuclear Sys describing restrictions for waste disposal in SC  
EISENHUT, D G Division of Operating Reactors 80/01/29 28pp

8003120758 Forwards TMI water processing plan, TMI 1980 water processing schedules Processing of auxiliary & fuel bldg waste water will be performed by EPICOR-11 radwaste sys Tabular display encl  
WILSON, R F Metropolitan Edison Co 80/01/30 6pp

8003130275 Discusses review of personnel air lock contamination control facility design description, Number 2 Permanent area monitors & portable room air radiation monitors should be installed Leaktight dampers should be tested  
COLLINS, J T TMI-2 Operations/Support 80/01/30 4pp

8003130322 Responds to requests made at 800111 meeting re GPU dewatering program for spent resin NRC evaluation of GPU program indicates that procedure is acceptable & results in quantity of free water well below acceptance criteria  
COLLINS, J T TMI-2 Operations/Support 80/01/30 2pp

8003130078 Describes solution to problem re water disposal Approx one million gallons of tritiated water will be retained in existing tanks, sumps, fuel pools & tanks planned for const Other options discussed  
WILSON, R P Metropolitan Edison Co 80/02/01 4pp

8003130316 Responds to 800124 request re acceptable design criteria For processed water storage tanks Postulated failure of outdoor storage tank does not result in excessive tritium concentrations Protective dikes around tanks not required  
COLLINS, J T TMI-2 Operations/Support 80/02/01 4pp



## DOCKETED ITEMS

8003120704 Discusses NRC concerns re hardware for proposed reactor bldg purge Underpressurization of filter housing could result from possible incompatibility of purge discharge fan & filter housing Requests addl info  
COLLINS, J T TMI-2 Operations/Support 88/02/04 5pp

8003050195 Urges that NRC approve controlled purging to permit access to reactor sys & core to replace monitoring instrumentation & begin defueling  
CUNNINGHAM, G W Energy Dept of 80/02/05 3pp

8003100022 Discusses 790830-800122 program by util to check flight paths of large aircraft using Harrisburg Intl Airport  
Spotter identification of aircraft proved unreliable  
TROWBRIDGE, Q F Shaw, Pittman, Potts & Trowbridge 80/02/06 4pp

8003050229 Denies Jan 1980 request to change Tech Spec surveillance requirements Change would remove existing margin of safety & reduce bldg ability to function as physical barrier against uncontrolled releases  
COLLINS, J T Division of Site Safety & Environmental Analysis 80/02/07 4pp

8003130117 Denies request to change Tech Specs surveillance requirements re ventilation flow rates & negative pressure requirements in auxiliary & fuel handling bldgs NRC 800204 ltr to util encl  
COLLINS, J T NRC Three Mile Island Task Force 80/02/07 9pp

--8003130120 Requests addl info per NRC review of hardware intended for use during proposed purge of reactor bldg Release of environ assessment contingent upon satisfactory resolution of all hardware & technical concerns  
COLLINS, J T NRC Three Mile Island Task Force 80/02/06 5pp

--8003130125 Discusses design criteria for processed water storage tanks in response to 800124 request Protective dikes around storage tanks not required Administrative controls for matls stored in outdoor tanks required  
COLLINS, J T NRC Three Mile Island Task Force 80/02/01 4pp

8003090220 Concurs w/program to correct major matl & personnel problems identified during conduct of Unit 2 casualty drills in Jan 1980 Effort is needed to correct these items prior to next drill, scheduled for completion before 800331  
COLLINS, J T Division of Site Safety & Environmental Analysis 80/02/11 4pp

8003050223 Responds to 800118 ltr re disposal requirements for Unit 1 solid waste Detailed burial site acceptance criteria is being sent to all licensees in next several days  
COLLINS, J T Division of Site Safety & Environmental Analysis 80/02/11 4pp

8003170119 Responds to 800118 ltr re solid waste disposal requirements & advises of transmittal of detailed burial site acceptance criteria for wet solid waste  
COLLINS, J T TMI-2 Operations/Support 80/02/11 4pp

8003100057 Responds to 800123 ltr & order imposing civil monetary penalties for noncompliance re 790328 accident Provides \$155,000 00 check for fines imposed Will provide response to incomplete items following 800306 meeting w/NRC Ofc of IE  
ARNOLD, R C Metropolitan Edison Co 80/02/14 1p

8003130128 Ack receipt of 790816 ltr re process to remove radioisotope contamination from milk Info forwarded to staff preparing programmatic EIS on decontamination & disposal of wastes resulting from TMI accident  
VOLLMER, R H NRC Three Mile Island Task Force 80/02/15 1p

--8003130135 Submits info re process to remove radioisotope from contaminated milk W/o encl  
MILLER, R L Agriculture, Dept of, Research Center 79/08/16 2pp

8003140094 Discusses NRC approval of util use of EPICOR-II for processing waste water contained in TMI-2 auxiliary bldg tanks in response to 791002 request  
VOLLMER, R H TMI-2 Operations/Support 80/02/15 2pp.

--8003140106 Expresses concerns re use of EPICOR-II for processing waste water contained in TMI-2 auxiliary bldg tanks Requests info re water leakage at facility & alternative disposal methods.  
WOHLSEN, A B Lancaster, PA 79/10/02 1p.

8003270162 Forwards special operating Procedures R-2-79-52 & R-2-79-53 used to hydrostatically test decay heat removal sys. Packless valves employed in sys are Orinnet 2741 valves  
WILSON, R F Metropolitan Edison Co 80/02/19 1p

--8003270166 Special Operating Procedure R-2-79-52  
\* Metropolitan Edison Co 79/07/29 20pp

--8003270168 Special Operating Procedure R-2-79-53  
\* Metropolitan Edison Co 79/07/28 11pp

8003210314 Recommends Commission approval of release of de minimus level of Kr-85 prior to entry into reactor bldg personnel air lock  
DENTON, H R Office of Nuclear Reactor Regulation SECY-80-103 80/02/20 4pp

8003270155 Submits historical background of data accumulated & list of current action items, in response to NRC 800114 ltr re reactor bldg sump level & RCS makeup sys leakage  
WILSON, R F Metropolitan Edison Co 80/02/21 3pp

8003250273 Notifies that ban on shipment of radwaste remains in effect until 800314, pending completion of training of supervisory personnel involved in transfer, packaging & transport of radioactive matl  
COLLINS, J T TMI-2 Operations/Support 80/02/22 4pp

8003270080 Forwards executive summary of liquid & gaseous releases from accident date to end of 1979 & addl data re liquid discharges to Susquehanna River  
PORTER, S W Porter-Oertz Consultants, Inc 80/02/22 18pp

8003250261 Informs that ban on shipment of radwaste remains in effect until 800314, pending completion of training of supervisory personnel involved in transfer, packaging & transport of radioactive matl  
COLLINS, J T TMI-2 Operations/Support 80/02/23 4pp

--8003250266 Summary of 800219 meeting w/util personnel re prohibition on shipment of radwaste due to unsatisfactory responses to IE Bulletin 79-19  
SHANGAKY, M M TMI-2 Operations/Support 80/02/20 2pp

8003170110 Responds to 790402 ltr re documentation of radiation doses & institution of followup studies in population around TMI Summary of NUREG-0558 encl W/o encl  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/26 2pp

--8003170113 Suggests documentation of radiation doses & institution of followup studies in population around TMI  
PROFFIO, A E California, Univ of, Santa Barbara 79/04/02 1p

8003110667 Submits comments by Regional Planning Council on outline of DES for decontamination of site DES should contain interstate agreement details to ensure cooperation, identify how cleanup will be monitored & discuss waste disposal site  
KOWALCZYK, W J Maryland, State of 80/02/27 2pp

8003050511 Submits alternate proposal re maintaining contingency radwaste storage in response to NRC 800121 ltr Proposes maintaining 160,000 gallons of shielded storage in stations combined facilities Process description & schedules encl  
HERBEIN, J G Metropolitan Edison Co 80/02/28 3pp

8003250254 Advises of guidelines for assuring notification of NRC/TMI technical support personnel re radiological water & gas movements/processes Requests to be informed of scheduled & unscheduled movements/processes  
COLLINS, J T TMI-2 Operations/Support 80/02/28 5pp

8003270131 Proposes that appropriate contingency storage of radwaste be maintained at station, rather than exclusively at TMI-1  
HERBEIN, J G Metropolitan Edison Co 80/03/28 3pp

8003130091 Forwards decontamination plan proposed in 791221 ltr Proposed schedule of 300 working days dependent on availability of EPICOR-II processed water for flushing sys, tanks & components & absence of contaminant plating  
WILSON, R F Metropolitan Edison Co 80/02/29 2pp.

8003130518 Responds to NRC 800107 ltr re voiding during transients on B&W plants Voiding does not occur in RCS during operational occurrences Forwards B&W rept, "Potential Reactor Sys Voiding During Anticipated Transients"  
HERBEIN, J G Metropolitan Edison Co 80/02/29 1p

--8003130534 "Potential Reactor Sys Voiding During Anticipated Transients"  
\* Babcock & Wilcox Co. 80/01/31, 32pp

## DOCKETED ITEMS

8003170101 Informs that addl scoping meeting w/public will be held 800320 in Baltimore, MD to discuss programmatic EIS Forwards preliminary outline for Commission policy statement & notice of intent to prepare EIS Supporting documentation encl  
MULLER, D R Division of Site Safety & Environmental Analysis 80/03/03 2pp

8003110587 Appeals to media re govt taking irreversible step that will endanger health & safety of persons downwind from TMI Blow release of radioactive gases is not safest way to proceed Supportive info & 800328 ltr to President Carter encl  
BRDSS, I D Roswell Park Memorial Institute 80/03/04 4pp

8003110625 Discusses proposed mode of decay heat removal by steaming once-through steam generator A to main condenser Diesel generators scheduled to be removed from svc Apr 1980 Related details encl  
WILSON, R F Metropolitan Edison Co 80/03/04 6pp

8003120585 Forwards list of drawings re programmatic EIS that were hand-carried from facility by P Leech & O Lynch  
LEHMAN, L J Metropolitan Edison Co 80/03/04 3pp

8003170283 Forwards info re balance of plant diesel generators to justify use of generators as addl backup source of power  
WILSON, R F Metropolitan Edison Co 80/03/04 4pp

8003270133 Forwards "Evidence Re Questions Posed to Chairman Ahearn by Congressman Udall in 800121 & 0204 Ltrs"  
ROGOVIN, M, FRAMPTON, Q Y NRC Three Mile Island Task Force 80/03/04 6pp

--8003270141 "Evidence Re Questions Posed to Chairman Ahearn by Congressman Udall in 800121 & 0204 Ltrs"  
ROGOVIN, M, FRAMPTON, Q Y NRC Three Mile Island Task Force 80/03/04 75pp

8003100176 Transcript of 800305 briefing on assessment of cleanup at TMI Pp 1-65  
\* Commission 80/03/05, 65pp

--8003100181 Forwards "Evaluation of Cleanup Activities at TMI," rept of special task force formed on 800219 Lists actions to be taken in order to restore forward motion to cleanup process  
DIRKS, W J Office of the Executive Director for Operations 80/02/29 2pp

--8003100185 Forwards "Evaluation of Cleanup Activities at TMI," for endorsement & forwarding to Commission Program should be reassigned high priority due to strong public opinion  
HALLER, N M Office of Management and Program Analysis 80/02/20 2pp

--8003100190 "Evaluation of Cleanup Activities at TMI"  
HALLER, N M Office of Management and Program Analysis  
BROWNING, R E Division of Waste Management PURPLE, R A Assistant Director for Radiol Health & Safeguards Standards 80/02/28 59pp

--8003100194 Appoints recipients to task force to evaluate cleanup operations at TMI Scope of review encl.  
DIRKS, W J Office of the Executive Director for Operations 80/02/15 2pp

--8003100203 Summarizes major near-term consideration involved in TMI cleanup Major considerations are safety, minimizing radiation dose released & keeping core protected Requests authorization to proceed w/controlled purging  
DIECKAMP, H General Public Utilities - QPU Service Corp 80/03/04 4pp

8003240583 Forwards Draft 3 of NUREG-0660, "NRC Action Plans Developed as Result of TMI-2 Accident"  
MATTSOHN, R J Division of Systems Safety, 80/03/07 1p

--8003240590 "NRC Action Plans Developed as Result of TMI-2 Accident," Draft 3  
\* Division of Systems Safety NUREG-0660 80/03/05 450pp

8003170493 Responds to NRC 800125 ltr re reporting of changes & additions to permits & certificates for protection of environ. Permit amends & authorizations encl  
HERBEIN, J G Metropolitan Edison Co 80/03/10 129pp.

8003180570 Forwards Drawings 04-4283-012-006, Revision 1A/3, 04-4283-014-004, Revision 1A/3 & 04-4283-E-744-131, Revision 1A/3 Drawings available in Central Files only  
LEHMAN, L J Metropolitan Edison Co 80/03/11, 1p

8003260491 Endorses results of BAW-1597, "Effects of Asymmetric LOCA Loadings - Phase II Status" Results are applicable to Facility Program for Resolution of concerns will be provided on schedule commensurate w/startup date  
WILSON, R F Metropolitan Edison Co 80/03/13 1p

8003280369 Discusses methods of predicting reactor bldg sump levels Confidence in predictions should increase w/installation of sump level manometer assembly during wk of 800309, which should provide more consistent measurements  
POINDEXTER, T C TMI-2 Operations/Support 80/03/14 3pp

8003310458 Responds to Util 800307 request for permission to ship radwaste prior to complete lifting of ban Ban lifted for three spent resin liners but remains for other shipments until 800314  
COLLINS, J T TMI-2 Operations/Support 80/03/15 4pp

8003250497 Forwards reactor bldg entry program & requests approval to proceed w/entry as soon as possible to gather data for completion of cleanup  
WILSON, R F Metropolitan Edison Co 80/03/21 20pp

8003280462 Notifies that second compressed gas monitor was established at Goldsboro on 800321 Monitor will be installed at fire hall  
SMITH, A E Environmental Protection Agency 80/03/24 1p

--8003280465 Notifies that analysis of data from background recorder stations & air samples on 800320 indicates no leak resulting from auxiliary bldg compressed gas sample of 800319 is normal compared w/daily readings of Goldsboro fire hall  
SMITH, A E Environmental Protection Agency 80/03/24 5pp

8003310346 Provides schedule for relocation of EPICOR-I to Unit 2 side fence Earthwork & concrete work will commence in Apr & component installation in May Transfer will be complete & preoperational in June Info package forthcoming  
WILSON, R F Metropolitan Edison Co 80/03/24 2pp

8003280641 "Environ Assessment for Decontamination of TMI-2 Reactor Bldg Atmosphere," draft rept for public comment  
\* Office of Nuclear Reactor Regulation NUREG-0662 80/03/31 75pp

3 Inspection reports, IE Bulletins & correspondence

8003030613 Ack receipt of 790829 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-320/79-04 & 50-289/79-03  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/03 2pp

--8003030621 Responds to violations noted in IE Insp Repts 50-320/79-0 & 50-289/79-03 Corrective actions Approval required of superintendent prior to entry & increased surveillance of job health physics practices  
HERBEIN, J G Metropolitan Edison Co 79/08/29 3pp

8003100049 Ack receipt of 800102 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-289/79-20 & 50-320/79-26 on 790919-1022  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/13 1p

--8003100054 Responds to NRC 791126 ltr re violations noted in IE Insp Rept 50-320/79-26 Corrective actions repairs made to firewall seals On 791217, Chemtrol Corp & Western Chemical Corp inspected repairs  
WILSON, R F Metropolitan Edison Co 80/01/02 2pp

--8003100058 Forwards IE Insp Repts 50-289/79-20 & 50-320/79-26 on 790919-1022 Noncompliance noted  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/26 2pp

--8003100064 IE Insp Repts 50-289/79-20 & 50-320/79-26 on 790919-1022 Noncompliance noted firewall contained inadequate penetration seals, failure to follow radiation work procedure & implement station administration procedure  
HAVERKAMP, D R, CONTER, J, KISTER, H B Region 1, Philadelphia, Office of the Director 50-289/79-20 79/11/19 29pp

8003140097 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director, 80/02/27 1p.

## DOCKETED ITEMS

8003120437 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003180280 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/06 1p

8003180037 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003190258 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260306 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260428 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCB) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260137 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003280329 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260037 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003310433 Ack receipt of util 800214 ltr w/check in payment of civil penalties resulting from accident  
STELLO, V Office of Inspection & Enforcement, Office of the Director  
80/03/20 1p

R Periodic operating reports & related correspondence

8003060323 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
HERBEIN, J C Metropolitan Edison Co 80/02/29 1p

--8003060524 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 "  
\* Metropolitan Edison Co 79/12/31 32pp

8003110552 Forwards "TMI Aquatic Study Monthly Rept for Jan 1980, " re ecological survey of Susquehanna River  
REBSLER, W C General Public Utilities - GPU Service Corp 80/03/05 1p

--8003110554 "TMI Aquatic Study Monthly Rept for Jan 1980 "  
NARDACCI, G A Ichthyological Associates, Inc 80/01/31 22pp

8003280343 "Status of Offsite Emergency Radiological Environ Monitoring Program, 800229-0307 "  
GERTZ, S M Porter-Gertz Consultants, Inc 80/03/01 75pp

8003310085 Forwards TMI weekly status rept for 800308-14  
COLLINS, J T TMI-2 Operations/Support 80/03/17 5pp

S Reportable occurrences, LERs & related correspondence

8003110382 PNO-TMI-80-003 on 800211, NRC informed of makeup & purification sys leak Makeup tank level was dropping slowly After announcement of local emergency in auxiliary bldg, emergency alarm initiated Auxiliary bldg evacuated  
PASANO, A N, COLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/02/11 1p

8003180141 RO 80-05/1P on 800215 boric acid mix tank found to contain less than required amount of borated water Caused by change in Tech Specs requirements for min mix tank inventory Corrective actions will be provided in next rept  
RUNDER, G A Metropolitan Edison Co 80/01/29 1p

8003180145 RO 80-05/1P on 800218 B diesel generator was inoperable during annual maint insp Caused by new Tech Specs requirements that both diesels be operable Details & followup actions will be provided in followup rept  
RUNDER, G A Metropolitan Edison Co 80/02/19 1p

8003190161 PNO-TMI-80-004 on 800214 91 electricians walked off job at TMI over grievances re inconsistencies in util health physics practices Some electricians are on recovery projects on site Plant stability not affected  
CONTE, R J, PASANO, A N COLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/02/19 1p

8003280163 PNO-TMI-80-005 on 800215, EPA notified NRC onsite personnel that 800211-15 air samples showed increased concentration of Kr-85 Increase accompanied discovery of leak in make-up sys noted in reactor bldg air monitoring sys  
CONTE, R J, PASANO, A N Region 1, Philadelphia, Office of the Director COLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/02/19 1p

8003110572 Forwards LER 80-001/99/-0  
WILSON, R F Metropolitan Edison Co 80/02/26 1p

--8003110575 LER 80-001/99/-0 on 800126, during mode 5 operation, 260 amp molded case circuit breaker for generator auxiliaries found tripped Caused by defective internal connection on A phase Breaker was replaced  
CHAPLIN, S D Metropolitan Edison Co 80/02/22 1p

8003110675 Forwards LER 80-002/99/-0  
WILSON, R F Metropolitan Edison Co 80/02/28 2pp

--8003110679 LER 80-002/99/-0 on 800129, during modes operation, emergent diesel generator DF-1B failed on manual start signal Caused by sheared driven pinion Driven pinion replaced & coupling nut will be staked to prevent recurrence  
CHAPLIN, S D Metropolitan Edison Co 80/02/28 1p

8003140134 PNO-TMI-80-006 on 800228 crane tipped over in storage area south of Unit 2 south gate Caused by improper balance while moving scrap metal No injuries Media interest is expected  
CONTE, R J, PASANO, A N Region 1, Philadelphia, Office of the Director COLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/02/28 1p

8003110553 Forwards LER 80-003/99/-0  
WILSON, R F Metropolitan Edison Co 80/02/29 1p

--8003110556 LER 80-003/99/-0 on 800131, during mode 5 operation, emergent diesel generator DF-1B tripped within 15 seconds due to low oil pressure Caused by pneumatic timing unit for alarm delay relay T3M timing out in 7 seconds Unit replaced  
CHAPLIN, S D Metropolitan Edison Co 80/03/01 3pp

8003120561 Forwards NPDES Noncompliance Notifications 80-01 & 80-02  
KLINGAMAN, R M Metropolitan Edison Co 80/03/03 1p

--8003120565 NPDES Noncompliance Notifications 80-01 & 80-02 on 800213 21 samples from industrial waste treatment sys indicated total oil & grease discharge exceeded 48.1 lb/day limit Possibly caused by increased grease loading  
\* Metropolitan Edison Co 80/03/03 1p

8003280157 PNO-TMI-80-007 on 800303 make-up pump 1B was started & make-up sys was put back in svc Make-up sys now operating satisfactorily w/standby pressure control sys since isolated for primary water leak on 800211  
HAVERRKAMP, PASANO, A N Region 1, Philadelphia, Office of the Director COLLINS, J T Office of Inspection & Enforcement, Office of the Director 80/03/03 1p

8003280147 PNO-TMI-80-008 on 800310, licensee intends to purge approx 50 mCi Kr-85 as containment personnel airlock 2 is opened for analysis Data will be used to assess conditions inside containment for future entry  
CONTE, R J, PASANO, A N, COLLINS, J T Region 1, Philadelphia, Office of the Director 80/03/05 1p

8003180545 Forwards LER 80-004/03L-0  
WILSON, R F Metropolitan Edison Co 80/03/11 1p

# DOCKETED ITEMS

161

--8003180554 LER 80-004/03L-0 on 800211, during operability test of A makeup pump MU-P-1A & associated discharge surge, test connection valve at discharge pressure switch for B makeup pump MU-P-1B separated from line Cause indefinite  
CHAPLIN, S D Metropolitan Edison Co 80/03/11 3pp

8003240394 RO 80-10/1P on 800314, testing of outer personnel airlock door indicated that leak tests of seals failed to meet acceptance criteria Airlock declared inoperable Door replaced & adjusted  
WILSON, R F Metropolitan Edison Co 80/03/17 1p

8003250488 Forwards LER 80-008/01L-0  
WILSON, R F Metropolitan Edison Co 80/03/19 1p

--8003250494 LER 80-008/01L-0 on 800220, during cold shutdown state, Nuclear Svcs river water pump control switch discovered in pull-to-lock position Caused by operator error Control switch returned to auto mode  
CHAPLIN, S D Metropolitan Edison Co 80/03/21 2pp

8003250546 Forwards LFR 80-005/01L-0  
WILSON, R F Metropolitan Edison Co 80/03/19 1p

--8003250560 LER 80-005/01L-0 on 800218, during mode 5 operation, B emergency diesel generator was out of svc which violated 800215 newly issued interim recovery Tech Specs Caused by change in Tech Specs for emergency diesel generators.  
CHAPLIN, S D Metropolitan Edison Co 80/03/19 3pp

8003250564 Forwards LER 80-006/01L-0  
WILSON, R F Metropolitan Edison Co 80/03/19 1p

--8003250568 LER 80-006/01L-0 on 800218, under interim recovery Tech Specs, in mode 5, boric acid mix tank inventory was below requirements of newly implemented Tech Specs Caused by administrative changeover to more restrictive Tech Specs  
CHAPLIN, S D Metropolitan Edison Co 80/03/19 2pp.

8003310279 Forwards LER 80-007/01L-0  
WILSON, R F Metropolitan Edison Co 80/03/24 1p

--8003310284 LER 80-007/01L-0 on 800222, w/facility in cold shutdown mode, auxiliary bldg exhaust fan AH-EBC was removed from svc for maint Caused by transition to interim recovery Tech Specs requiring both fan trains to be operable  
CHAPLIN, S D Metropolitan Edison Co 80/03/24 2pp

Y Hearing transcripts on non-antitrust matters

8003070269 Transcript of 790328 Region 1 response ctr tapes  
CAPHTON, D. L. Region 1, Philadelphia, Office of the Director  
79/03/28 405pp

8003140223 Transcript of 800225 ABLAB hearing in Harrisburg, PA re air crash probability Pp 321-728  
ROSENTHAL, A B Atomic Safety and Licensing Appeal Panel. 80/02/25 258pp.

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225  
ROSENTHAL, A B Atomic Safety and Licensing Appeal Panel.  
SILBERG, J E Metropolitan Edison Co CONNER, T B Philadelphia Electric Co 80/02/26, 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437  
ROSENTHAL, A B Atomic Safety and Licensing Appeal Panel  
SILBERG, J E Metropolitan Edison Co CONNER, T B. Philadelphia Electric Co 80/02/27 21pp.

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-529  
ROSENTHAL, A. B. Atomic Safety and Licensing Appeal Panel  
SILBERG, J. E Metropolitan Edison Co. CONNER, T B. Philadelphia Electric Co 80/02/28 91pp

8003240420 Statement at 800320 public meeting in Annandale, VA re programmatic EIS for decontamination of TMI-2.  
MAY, I. Affiliation Unknown 80/03/20 2pp

8003240453 Statement by MD Ad Hoc Committee on TMI & Clean Water Action Project at 800320 public meeting in Baltimore, MD re proposed plans for EIS on TMI-2 decontamination  
\* Affiliation Unknown. 80/03/20. 3pp.

8003240507 Statement by HH Mason of DC Council at 800320 public meeting in Washington, DC re cleanup of TMI-2  
MASON, H H District of Columbia 80/03/20 3pp

8003240542 Statement of Baltimore, MD city Councilmember, G Vivino, on 800320 re dumping of radwaste from facility  
VIVINO, G Baltimore, MD 80/03/20 2pp

U Congressional/Executive Correspondence

8003110135 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2 H/o encl  
AHEARNE, J F Commission 80/02/22 2pp

--8003110165 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2  
AHEARNE, J F Commission 80/02/22 18pp

--8003110226 Submits facsimile request for encl info  
HAYEKAMP, D Region 1, Philadelphia, Office of the Director  
80/02/13 3pp

--8003110235 Comments on NRC preliminary response to 800205 ltr from G Hart & A Simpson Div of Project Mgt did not notify or advise Utilis re facility HPI actuation events IE responsible for each case  
SILVER, H Light Water Reactors Branch 4 80/02/12 2pp

--8003110242 Requests review of safety significance of injection of chloride containing sodium hydroxide into RCS, due to inadvertent ECCS actuation  
VAROA, S A Light Water Reactors Branch 4 78/05/01 1p

--8003110248 Attachment to Amend 4 to DPR-73 changing Tech Spec Pages 3/4  
2-11, 3-12, 3-17, 3-18, 3-19 & 3-22  
\* Light Water Reactors Branch 4 78/05/19 11pp

--8003110258 Attachment to Amend 6 to DPR-73 changing Tech Spec Pages  
2-2, 2-3, 2-5, 2-6, 2-7, 2-8, 82-1, 82-2, 82-3, 82-6, 82-8, 3/4 2-13, 3-3, 3-13, 7-2, 7-3, 7-3a, 83/4 7-1, 6-5 & 7-17  
\* Light Water Reactors Branch 4 78/07/07 8pp

--8003110268 Requests info re notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee, & actuation of pressure injection sys at TMI-2  
HART, G, SIMPSON, A K Senate, Environment & Public Works  
80/02/05, 2pp

8003110081 Responds to 800206 ltr re MI Lewis request concerning scheduling facility programmatic EIS scoping meeting Meeting cannot be rescheduled MI Lewis invited to add scoping meetings  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/26 1p

--8003110087 Requests views on encl MI Lewis inquiry re scheduling facility programmatic EIS scoping meeting  
SCHNEIKER, R S Senate 80/02/06 1p

8003110108 Forwards response to SB Rubin 800112 inquiry, per 800128 request, Criteria re signals to automatically initiate isolation of certain containment piping during accident not judged applicable to warrant backfitting in 1975  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/28 3pp

--8003110122 Forwards SB Rubin inquiry, re nuclear plant licensing, for response, NRC 791219 news release encl  
MAGNUSON, W O Senate, Appropriations 80/01/28 4pp

DOCKET 50-321 EDWIN I HATCH NUCLEAR PLANT, UNIT 1

F Security, medical, emergency & fire protection plans

8003170186 Forwards amended physical security plan per 800130 request Plan withheld (ref 10CFR2 790)  
WIDNER, W A Georgia Power Co. 80/03/07 1p

8003170417 Requests acknowledgement of receipt of revision to physical security plan by completing & returning encl form  
QUICHA, L T Georgia Power Co 80/03/11 2pp.

## DOCKETED ITEMS

## J Insurance &amp; indemnity information

B003110585 Guarantees payment of deferred premiums for part ownership in utility Cash flow statements encl  
HEADRICK, T S Dalton, GA 80/03/07 3pp

B003250435 Forwards Endorsement 44 to MAELU Policy MF-78  
FIEDLER, J Marsh & McLennan, Inc. M & M Nuclear Consultants, Inc  
Div 80/03/20 2pp

## P Operating license stage documents &amp; correspondence

B003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by B00107  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--B003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

B003130148 Forwards summary of B00125 meetings w/util & NRC in Atlanta, GA re activities authorized by Licenses DPR-57 & NPF-05 Summary withheld (ref 10CFR2 790)  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 3pp

B003040040 Forwards request for addl info re loss of offsite power events Requests response within 90 days  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 3pp

B003070286 Ack receipt of B00204 application Fee Requests fee for 790322 & 0712 applications Suggests company consider consistently listing check number & amount  
MILLER, W D License Fee Management Branch 80/02/13 1p

B003200039 Forwards NRC evaluation of actions taken by util to satisfy Lessons Learned Task Force Category A recommendations Concludes that all Category A requirements have been met satisfactorily  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 16pp

B003060578 Forwards info re proposed Tech Specs changes, including Tables 3 2-9 & 4 2-9 & Section 3 2H 5, in response to NRC 790317 ltr Drawings available in Central Files only  
WIDNER, W A Georgia Power Co 80/02/28 1p

--B003060582 Tech Specs Tables 3 2-9 & 4 2-9 & Section 3 2 H 5 for end-of-cycle recirculation pump trip  
Georgia Power Co 80/02/28 9pp

B003240250 Forwards request for addl info re adequacy of station electric distribution sys voltage to complete review of 791207 ltr  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 4pp

B003180630 Responds to NRC B00107 request for QA program review re diesel generator fuel oil Considers emergency diesel generator fuel oil part of QA program Fuel oil is tested in accordance w/Tech Spec requirements  
WIDNER, W A Georgia Power Co 80/03/07 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

B003170040 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

B003190113 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

B003120032 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

B003260011 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits" No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

B003180043 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/07/08 2pp

B003190430 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003100019 Responds to IE Bulletin 79-26, "Boron Loss from BWR Control Blades" Results of control blade subcriticality tests indicated that full withdrawal of any control blade did not result in criticality  
WIDNER, W A Georgia Power Co 80/02/13 2pp

B003170047 Supplements 791130 response to IE Bulletin 79-18, "Audibility Problems Encountered on Evacuation of Personnel from High-Noise Areas" Visual evacuation signals will be completely installed by B00315  
WIDNER, W A Georgia Power Co 80/02/25 1p

B003170054 Submits corrected response to IE Bulletin 79-26, "Boron loss from BWR Control Blades" Unit 1 control blade subcriticality tests were performed on 791219 instead of B00119 & 2B as previously stated  
WIDNER, W A Georgia Power Co 80/02/25 1p

B003140044 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

B003110604 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrument & Control Power Sys Bus During Operation" Alarms to main control room indicate loss of power to buses except R2S-B035 & 2R2S-B035 Emergency procedures under review  
WIDNER, W A Georgia Power Co 80/02/29 4pp

B003180181 Forwards supplemental info to IE Bulletin 79-01B, "Evacuation Qualification of Class IE Equipment" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003190025 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003210068 Requests extension to B00801 to complete verification of seismic analysis of as-built piping sys  
WIDNER, W A Georgia Power Co 80/02/29 2pp

B003240310 Supplements response to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer" Sustained 24-h full-load test for Unit 1 emergency diesel generators successfully completed B00113  
WIDNER, W A Georgia Power Co 80/03/04 1p

B003180155 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

B003140407 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003180077 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003180310 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003310078 Ack receipt of B00303 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 80-321/80-02 & 50-366/80-02  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/03/12 1p

# DOCKETED ITEMS

163

--8003310081 Responds to NRC 800208 ltr re violations noted in IE Insp Repts 50-321/80-02 & 50-366/80-02 Corrective actions two rate-of-rise fire detectors placed in kitchen & control valve for drain piping locked in closed position  
WIDNER, W A Georgia Power Co 80/03/03 10pp

--8003310086 Forwards IE Insp Repts 50-321/80-02 & 50-366/80-02 on 800108-11 & notice of deviation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--8003310088 Notice of deviation from insp on 800108-11  
\* Region 2, Atlanta, Office of the Director 80/02/06 5pp

--8003310091 IE Insp Repts 50-321/80-02 & 50-366/80-02 on 800108-11 Noncompliance noted inadequate fire protection GA program, subst automatic sprinkler sys, incorrect type fire detectors in control room kitchen & inadequate fire barrier  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch MILLER, H H Region 2, Atlanta, Office of the Director 80/02/06 11pp

8003260226 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003260570 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260177 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## R Periodic operating reports & related correspondence

8003110615 Forwards "Interim Annual Operating Rept for 1979 "  
MANRY, M Georgia Power Co 80/02/28 1p

--8003110618 "Interim Annual Operating Rept for 1979 "  
COGGINS, C L Georgia Power Co 80/02/28 33pp

8003030551 Forwards "Semiannual Rept, Plant Radioactive Effluent Releases, Jul-Dec 1979 "  
MANRY, M Georgia Power Co 80/02/29 1p

--8003030568 "Semiannual Rept, Plant Radioactive Effluent Releases, Jul-Dec 1979 "  
\* Georgia Power Co 80/02/29 34pp

8003180556 Monthly operating repts for Feb 1980  
RODEN, J W Georgia Power Co 80/03/10 12pp

## S Reportable occurrences, LERs & related correspondence

8003040561 Forwards LER 80-018/03L-0  
MANRY, M Georgia Power Co 80/02/25 1p

--8003040572 LER 80-018/03L-0 on 800207, during normal, full power operation, hydraulic control unit accumulator 42-23 received low pressure alarm Caused by failure of nitrogen cartridge valve from wear due to constant use  
COGGINS, C L Georgia Power Co 80/02/25 2pp

8003040552 Forwards LER 80-015/03L-0  
MANRY, M Georgia Power Co 80/02/26 1p

--8003040563 LER 80-015/03L-0 on 800207, during normal operation, drywell temp recorder, 1747-R012, was stamping erratically & high Caused by microswitch in recorder printing mechanism being out of adjustment, Switch readjusted  
NIX, R T Georgia Power Co 80/02/26 2pp

8003110669 Forwards LER 80-019/03L-0  
MANRY, M Georgia Power Co 80/03/04 1p.

--8003110673 LER 80-019/03L-0 on 800213, while performing reactor core isolation cooling turbine exhaust diaphragm functional test & calibr, pressure switches 1E51-N012B & 1E51-N012C found outside Tech Spec limits Caused by setpoint drift  
NIX, R T Georgia Power Co 80/03/04 2pp

8003140308 Forwards suppl to RD 50-321/79-021, Revision 5  
MANRY, M Georgia Power Co 80/03/06 1p

--8003140311 Suppl to RD 50-321/1979-021, Revision 5 providing data on tritium levels in ground water  
\* Georgia Power Co 80/03/03 4pp

8003210412 Forwards LER 80-023/03L-0  
MANRY, M Georgia Power Co 80/03/10 1p

--8003210416 LER 80-023/03L-0 on 800224, during startup w/mode switch in startup & hot standby, HPCI sys did not become operational at 133 psig per Tech Specs Caused by design deficiency & instrument drift Pressure switches recalibr  
NIX, R T Georgia Power Co 80/03/10 2pp

8003210451 Forwards LER 80-022/03L-0  
MANRY, M Georgia Power Co 80/03/11 1p

--8003210455 LER 80-022/03L-0 on 800222, w/reactor in cold shutdown, lack of electronic annunciation discovered on 122-ft elevation west cable way door C19 Caused by 800123 security re audit securing door Door C19 was annunciated on 800131  
COGGINS, C L Georgia Power Co 80/03/11 2pp

8003210362 Forwards LER 80-024/03L-0  
MANRY, M Georgia Power Co 80/03/17 1p

8003210406 Forwards LER 80-021/03L-0  
MANRY, M Georgia Power Co 80/03/17 1p

8003260550 Forwards LER 80-026/03L-0  
MANRY, M Georgia Power Co 80/03/17 1p

--8003260555 LER 80-026/03L-0 on 800218, during steady state power, head observed during routine ISI testing exceeded upper limit in ASME Section II Exact cause for pump performance better than previous data unknown New pump curve generated  
COGGINS, C L Georgia Power Co 80/03/13 2pp

## DOCKET 50-322 SHOREHAM NUCLEAR POWER STATION

### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/GE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & GKSS data Proposed agenda encl  
ELTAWILA, F Containment Systems Branch 80/02/01 12pp

8003050246 Forwards response to NRC 790319, 0614 & 1115 requests for info Inservice insp plan will be forwarded 6-months prior to commercial operation Supplies pressure-temp limits for heatup-cooldown & normal operations  
NOVARRO, J P Long Island Lighting Co 80/02/29 41pp

### F Security, medical, emergency & fire protection plans

8003240235 Forwards request for addl info re emergency diesel generators & physical security plan Requests withheld (ref 10CFR2 790)  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/03 3pp

### G Adjudicatory correspondence

8003060420 Response in opposition to Shoreham Opponents Coalition 800124 requests for renoticing of & intervention in OL proceeding Due to completion of NEPA phase, late intervention will broaden issues on delay proceeding  
REVELEY, W T, WALSH, E J, FUTTER, J L Long Island Lighting Co 80/02/08 32pp

--8003060437 Response in opposition to Shoreham Opponents Coalition 800124 request that CP be suspended Alleged defects re safety sys not substantiated during I&E present investigation Certificate of Svc encl  
REVELEY, W T, WALSH, E J, FUTTER, J L Long Island Lighting Co 80/02/08 7pp

8003180092 Order allowing Shoreham Opponents Coalition Admission if representative standing proved Parties may address question of why inerting containment as result of TMI-2 accident, is not recommended in Shoreham while advised in later plants  
BOMERS, E B Atomic Safety and Licensing Board Panel 80/03/05 23pp

## DOCKETED ITEMS

8003190907 Forwards ASLB 800305 order ruling on Shoreham Opponents Coalition petition to intervene  
BORDENICK, B H Hearing Branch 4 80/03/11 1p

--8003190913 Order re Shoreham Opponents Coalition 800124 petition seeking CP suspension, issuance of new notice of hearing or admission of late intervention. Petitioner may be admitted upon showing of representational standing  
BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/05 25pp

8003260210 Certification to Commission re admission of Shoreham Opponents Coalition. Contention 12, alleging inadequacy of containment, due to nonresolution of LOCA hydrogen generation quantities. Proceeding w/discovery & evidence admissible  
SHDN, F J, PARIS, D H, BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/14 6pp

#### Q Inspection reports, IE Bulletins & correspondence

8003060662 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003030100 Forwards IE Insp Rept 50-322/79-17 on 791015-19 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/28 2pp

--8003030104 IE Insp Rept 50-322/79-17 on 791015-19 No noncompliance noted. Major areas inspected sys designated for safe shutdown of plant & process/area radiation monitoring sys used to measure plant radiation levels  
PAOLINO, R J Region 1, Philadelphia, Office of the Director  
EBNETER, S D Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/11/27 6pp

8003050034 Forwards IE Insp Rept 50-322/79-21 on 791127-30 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/28 2pp

--8003050047 IE Insp Rept 50-322/79-21 on 791127-30 No noncompliance noted. Major areas inspected work activities, quality verification records of pipe supports & restraints & quality records of reactor vessel internals  
NARROW, L, MCBREARTY, R A Region 1, Philadelphia, Office of the Director  
MCGAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/26 7pp

8003040050 Responds to IE Bulletin 79-19, "Packaging of Low Level Radwaste for Transport & Burial." Licensee does not generate or transport low level radwaste  
NOVARRO, J P Long Island Lighting Co 80/01/14 1p

8003050137 Forwards revised response to IE Bulletin 79-02 re pipe support base plate designs. Base plates are analyzed by modifying simplified method of column base plates w/load factor to determine max bolt tension due to direct loads  
NOVARRO, J P Long Island Lighting Co 80/01/14 6pp

8003200226 Forwards IE Insp Rept 50-322/80-01 on 800107-10 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003200231 IE Insp Rept 50-322/80-01 on 800107-10, No noncompliance noted. Major areas inspected work activities, quality verification of records of instrument components & status of outstanding items  
MCGAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch  
NARROW, L, PAOLINO, R J Region 1, Philadelphia, Office of the Director 80/01/23 6pp

8003120456 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190254 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260291 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260396 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260132 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250322 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260036 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003200497 Final deficiency rept Category I pipe weld failed to meet weld profile requirements during IE Insp 50-322/78-06. Records of required rework & insp found satisfactory during IE Insp 50-322/79-21  
NOVARRO, J P Long Island Lighting Co 80/03/12 2pp

#### DOCKET 50-323 DIABLO CANYON NUCLEAR POWER PLANT, UNIT 2

##### A Application/construction stage documents & correspondence

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

8003060590 Ack receipt of 800123 ltr requesting consultation on Section 7 of Endangered Species Act. Info on gray whale is under jurisdiction of Natl Marine Fisheries Svc & info on other four species to be addressed by Fish & Wildlife Svc  
MARSHALL, D B Interior, Dept of, Fish & Wildlife Service 80/02/05 1p

8003190066 Advises of practical benefit to undertake special low power test programs similar to those undertaken by TVA & VEPCO. Proposed encl program supplements FBAR testing program & increases tests required per Reg Guide 1.6B. Urges review  
CRANE, P A Pacific Gas & Electric Co 80/02/07 12pp

8003140454 Board notification forwards info re recent offshore seismic reflection data & significance to site info considered in establishing position regarding SSE for facilities  
VARQA, S A Assistant Director for Light Water Reactors 80/02/11 1p

--8003140457 Forwards RB McMullen 800121 memo describing info presented in RB Lesley abstract published in 791113 American Geophysical Union publication. Info does not change USGS conclusion SSE for sites  
JACKSON, R E Geosciences Branch 80/01/21 4pp

--8003140459 Reviews info presented in RB Lesley abstract published in 791113 American Geophysical Union publication. USGS agrees w/publication interpretation  
MCMULLEN, R B Geosciences Branch 80/01/21 2pp

8003040188 Notification of 800226 meeting w/utills in Bethesda, MD to discuss addl clarification of NRC requirements in design review of plant shielding & environ qualification of equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 DROMERICK, A W, LICITRA, E A Light Water Reactors Branch 3 80/02/19 9pp

8003050231 Supplements NRC 800128 response to FOIA request. Addl info located after 800128. Forwards documents listed in App A, Documents 4 & 5 partially withheld legal advice (ref FOIA Exemption 5).  
FELTON, J M Division of Rules and Records 80/02/22 3pp

# DOCKETED ITEMS

165

- B003050236 Requests that appropriate persons be notified that facility review should be completed w/o need for suppl to SER  
BOYD, R S Atomic Energy Commission 73/10/02 1p
- B003050316 Confirms schedule for NRC safety review of DL application for facilities Requests add info re effects of newly discovered geologic faults, effects of tsunamis & slope stability field work & analysis Review schedule encl  
GIAMBUSO, A Atomic Energy Commission - Deputy Director for Reactor Projects 73/12/21 3pp
- B003050321 Notifies of 740604 mgt meeting w/util in Bethesda, MD re offshore faults Lists util participants Document is annotated by JM Hendrie  
HIRONS, T J Atomic Energy Commission, Directorate of Licensing 74/05/30 1p
- B003050335 Discusses 770913 review of JM Hendrie personal involvement in processing of applications Lists documents found in JM Hendrie personal files Hendrie will determine whether he disqualifies from disposition of adjudicatory matters  
FITZGERALD, J Office of the General Counsel 77/09/14 2pp
- B003050347 Discusses review of Ofc Nuclear Reactor Regulation & ACRS files to determine extent of JM Hendrie involvement in review of facility application Lists documents found in files Forwards ACRS memo summarizing JM Hendrie involvement  
FITZGERALD, J A Office of the General Counsel 79/12/06 3pp
- B003050394 Discusses JM Hendrie activities re facility while member of ACRS Review of project files revealed that JM Hendrie did not participate in any special way beyond normal activities of ACRS member  
LIBARKIN, M W ACRS - Advisory Committee on Reactor Safeguards 79/11/28 1p
- B003050500 "Response to NUREG-0578 Short-Term Lessons Learned Requirements"  
\* Pacific Gas & Electric Co 80/02/29 300pp
- B003060564 Responds to 791130 ltr re field audit of FSAR separation criteria for electric equipment & sys  
CRANE, P A Pacific Gas & Electric Co 80/02/29 1p
- B003260592 Forwards response to NUREG-0578 short-term Lessons Learned requirements Rept supercedes 790827 & 1231 responses  
CRANE, P A Pacific Gas & Electric Co 80/02/29 260pp
- B003200522 Summary of 800130 & 31 meetings w/util & Westinghouse at site re continuation of review process involving implementation of short-term Lessons Learned requirements  
STOLZ, J F Light Water Reactors Branch 1 80/03/03 7pp
- B003250185 Requests analysis of adequacy of equipment qualification program Requests schedule for completing review re environ qualification of safety-related equipment & significant aging mechanisms  
STOLZ, J F Light Water Reactors Branch 1 80/03/03 4pp
- B003260297 Notification of 800313 meeting w/util in Bethesda, MD to discuss feedwater sys reliability analysis methods  
BUCKLEY, B L Light Water Reactors Branch 1 80/03/06 4pp
- B003180481 Forwards evaluation of how auxiliary feedwater sys meets each requirement in SRP 10 4 9 & Branch Technical Position ABB-10-1 in response to 791130 meeting w/NRC in Bethesda, MD & NRC 800310 ltr  
CRANE, P A Pacific Gas & Electric Co 80/03/13 5pp
- B003260631 Forwards "PO&E Response to NUREG-0578 Short-Term Lessons Learned Requirements," Revision 1  
CRANE, P A Pacific Gas & Electric Co 80/03/14 2pp
- B003260634 "PO&E Response to NUREG-0578 Short-Term Lessons Learned Requirements," Revision 1  
\* Pacific Gas & Electric Co 80/03/14 43pp
- B003260528 Notifies that util will implement rod drop protection interim solution described in NRC 800213 ltr  
CRANE, P A Pacific Gas & Electric Co 80/03/17 1p
- B003260647 Forwards tabulation of info re equipment located outside containment & subj to high energy line break, in response to NRC 791102 ltr concerning environ qualification of Class 1E electrical equipment  
CRANE, P A Pacific Gas & Electric Co 80/03/20 2pp
- F Security, medical, emergency / fire protection plans  
-----  
B003040212 Forwards upgraded emergency plan per 791010 request  
CRANE, P A Pacific Gas & Electric Co 80/02/26 1p
- B003040218 Upgraded emergency plan, Revision 2  
\* Pacific Gas & Electric Co 80/02/29 628pp
- B003270381 Forwards corporate emergency response plan, prepared by EDS Nuclear, Inc  
CRANE, P A Pacific Gas & Electric Co 80/03/21 1p
- B003270384 Corporate emergency response plan, constituting App 1 of Revision 2 to emergency plan  
\* EDS Nuclear, Inc 80/03/20 125pp
- G Adjudicatory correspondence  
-----  
B003040306 Order calendaring 800402 oral argument at Old County Courthouse, San Luis Obispo, CA re intervenors' exceptions concerning earthquake issues Two hours of argument will be granted for each party  
TOMPkins, B A Atomic Safety and Licensing Appeal Panel 80/02/25 2pp
- B003060293 Responds to 790725 ltr re hazard of locating facility near earthquake fault Includes comments of ASLB re seismic design  
REGAN, W H Assistant Director for Environmental Projects 80/02/21 2pp
- B003040315 Order calendaring 800403 first prehearing conference at Old County Courthouse, San Luis Obispo, CA, in response to ALAB-580 re adequacy of security plan Conference will be closed to public  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/02/25 8pp
- B003250465 Motion by Joint Intervenors to reschedule 800402 oral argument R Hubbard, intervenors' principal technical consultant, not available Applicant A, NRC have no objection to quick rescheduling Certificate of Svc encl  
FLEISCHAKER, D Fleischaker, D S PHILLIPS, J R Center for Law in the Public Interest 80/02/26 5pp
- B003070009 Memorandum & order changing date of oral argument on intervenors' exceptions re ability to withstand earthquakes, to 800403 Location & time remain same  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/02/28 3pp
- B003060457 Notice of appearance in proceeding Certificate of Svc encl  
TOURTELOTTE, J, DAVIS, L D, KETCHEN, E G Hearing Branch 4 80/03/05 6pp
- B003100135 Advises of JR Tourtellotte responsibility as leading counsel for conduct of proceeding, in response to ASLAB 800225 first prehearing conference order  
TOURTELOTTE, J Hearing Branch 4 80/03/06 1p
- B003140175 Order entrusting challenged Commissioners Kennedy & Hendrie w/self disqualification decision, in response to Joint Intervenors 791024 & 26 motions If self disqualification declined, parties shall file addl info PA Bradford dissented  
CHILK, S J Office of the Secretary of the Commission 80/03/06 2pp
- B003260654 Responds to 800228 ltr expressing opposition to granting DL Decision on issue rests on evidence introduced into record Ltr will not be admitted due to off-the-record 10CFR2 780 Public may attend 800403 argument  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/06 3pp
- B003260656 Urges, on behalf of Stop U Now, member group of Abalone Alliance, denial of DL Supporting documentation encl  
HOPKINS, T Affiliation Unknown 80/02/28 7pp
- B003260659 Request to deny DL, signed by citizens of Ventura & Santa Barbara Counties, CA Alleges unsafe conditions due to active earthquake fault at plant proximity  
PANETTA, L Affiliation Unknown 80/02/13 4pp
- B003200079 Mod to ASLAB 800225 first prehearing conference order NRC shall hand-deliver current security plan to ASLAB by 800318 Copy of security plan & of 800225 sanitized version shall be in possession of NRC counsel during 800402 conference  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/11 2pp



## DOCKETED ITEMS

8003240575 Memorandum & order accepting Governor EO Brown of State of CA brief amicus curiae but rejecting contents of brief re intervention as party in seismic issue consideration Certificate of Svc encl  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/12 7pp

8003280043 Order granting extension until 800415 for Commission to act to review ALAB-580  
CHILK, B J Office of the Secretary of the Commission 80/03/12 1p

8003280364 Advises that Chairman of Diablo Canyon ASLAB requests encl Z Bates 800307 ltr re concern about facilities be placed in PDR & copies of ltr be served on parties in proceeding  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/12 2pp

8003280028 Notice of appearance in proceeding Certificate of Svc encl  
BROWN, H H, KLINE, J A California, State of BROWN, H H Hill Christopher & Phillips 80/03/14 4pp

8003280009 Notices of appearances in proceeding Certificate of Svc encl  
NORTON, B Bruce Norton FURBUSH, H H, CRANE, P A Pacific Gas & Electric Co 80/03/17 6pp

800310238 Memorandum to Commission re Joint Intervenor's 800313 request concerning appeal of seismic issues JH Buck recutation from ASLAB is not required absent conditions & grounds for disqualification as stated in Midland decision  
BUCK, J H Atomic Safety and Licensing Appeal Panel 80/03/24 8pp.

#### H General correspondence

8003120041 Urges support for conducting earthquake hearings in San Luis Obispo County  
SCHAHMAN, E Affiliation Unknown 80/02/14 1p

--8003130048 Urges relocation to San Luis Obispo County of local proceedings on oral arguments re safety licensing of proposed plant  
GALLAGHER, M P San Luis Obispo, CA 80/02/06 1p

--8003130053 Urges changing location of ASLB hearings from Bethesda, MD to San Luis Obispo County  
QINGO, R Affiliation Unknown 80/01/16 1p

--8003130063 Urges support for holding earthquake hearing in San Luis Obispo County  
KNELLER, S H Affiliation Unknown 80/02/13 1p

8003190908 Responds to 800125 ltr Most suggestions already implemented in connection w/NRC environ review of facility ASLB decisions, util & NRC repts & public hearing transcripts available in NRC LPDR  
CRANE, P A Pacific Gas & Electric Co 80/02/19 1p

8003100030 Forwards radiological monitoring info in response to 800125 suggestion re radiological monitoring program Program cost unjustified Annual repts on results of radiological environ monitoring program available in LPDR  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/20 6pp

--8003100037 Forwards suggestions re radiological monitor program Impartial study may settle controversial effects of nuclear reactors.  
FORBES, B E Affiliation Unknown 80/01/23 2pp

8003270396 Second notice of change of address for svc list. Change effective until 800901  
APPELBERG, E Affiliation Unknown 80/03/27 1p.

#### Q. Inspection reports, IE Bulletins & correspondence

8003130132 Responds to IE Bulletin 79-24 request for facility review to determine that adequate measures have been taken to assure that safety-related process, instrument & sampling lines do not freeze during cold weather No measures necessary  
CRANE, P A Pacific Gas & Electric Co 79/11/06 1p

8003100070 Forwards response to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Fuel Exciter Transformer"  
Full load tests of 24-h duration were performed on Diesel Generators 11, 12 & 13 Voltage & frequency recorded & logged.  
CRANE, P A Pacific Gas & Electric Co 79/11/08 2pp.

8003120739 Forwards response to IE Bulletins 79-05C & 79-06C  
Westinghouse owners group has responded to several bulletin issues  
CRANE, P A Pacific Gas & Electric Co 79/11/09 5pp

8003100009 Forwards response to IE Bulletin 79-13, Revision 2, Item 5 Testing & insp program for Unit 1 indicated no evident deficiencies Adequacy of Emergency Procedure EOP-28 has been reviewed  
CRANE, P A Pacific Gas & Electric Co 79/12/12 5pp

8003070002 Forwards IE Insp Repts 50-275/79-26 & 50-323/79-13 on 791203-13 No noncompliance noted  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/21 2pp

--8003070007 IE Insp Repts 50-275/79-26 & 50-323/79-13 on 791203-13 No noncompliance noted Major areas inspected previous insp findings, alleged faulty concrete const & alleged offcenter drilling of pipe rupture restraint coupling sleeves  
DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch KIRSH, D F Region 5, San Francisco, Office of the Director 80/01/18 7pp

8003170146 Responds to IE Bulletin 79-28 re possible malfunction of NAMCO limit switches Util has 27 NAMCO limit switches date coded Apr 1977 Vendor will provide gasket replacement kits for all switches Replacement will be complete by 800401  
CRANE, P A Pacific Gas & Electric Co 80/01/28 1p

8003110282 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/08 1p

8003270511 Responds to NRC 791128 comments re util response to IE Bulletin 79-02 Outlines program for base plate & anchor bolt insp by Teledyne Engineering Svcs  
CRANE, P A Pacific Gas & Electric Co 80/02/14 2pp

8003040675 Ack receipt of 791228 ltr informing NRC of steps taken to correct deviations noted in IE Insp Repts 50-275/79-22 & 50-323/79-12  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/21 1p

--8003040680 Responds to 791120 ltr re deviations noted in IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26 Corrective action areas of excessive reinforcement on vol control tanks will be ground per requirements & radiographed  
CRANE, P A Pacific Gas & Electric Co 79/12/28 2pp

--8003040684 Forwards IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26 & notice of deviation  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 79/11/20 2pp

--8003040689 Notice of deviation from insp on 791023-26  
\* Region 5, San Francisco, Office of the Director 79/11/19 1p

--8003040693 IE Insp Repts 50-275/79-22 & 50-323/79-12 on 791023-26 Noncompliance noted excessive weld reinforcement on interior welds of vol control tanks  
KIRSCH, D F, HAIST, D P Region 5, San Francisco, Office of the Director DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch 79/11/19 8pp

8003120273 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140374 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180017 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants" No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180111 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

# DOCKETED ITEMS

167

8003260564 Forwards IE Bulletin 80-09, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/10 1p

8003260376 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director.  
80/03/13 1p

8003250155 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260344 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003200628 Requests withdrawal of deficiency rept re potential problem w/Hestinghouse steam generator water level instrumentation  
Ofc of Nuclear Reactor Regulation interest supersedes that of IE  
CRANE, P A Pacific Gas & Electric Co 80/03/13 1P

## U Congressional/Executive Correspondence

8003060470 Responds to CA delegation 791212 ltr urging DL issuance to plants that have completed mods resulting from TMI-2 lessons learned Facility under review for DL NRC preparing action plan w/criteria for implementing actions re TMI-2 accident  
KAMMERER, C Office of Congressional Affairs 80/02/06 2pp

--8003060497 Submits request by CA congressional delegation for expedited licensing of facilities that have completed TMI-2 lessons learned mods Power needed to meet electricity demands & reduce need for oil  
JOHNSON, H. T., LLOYD, J., WILSON, B House of Rep 79/12/12 3pp

## DOCKET 50-324 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 2

## F Security, medical, emergency & fire protection plans

8003240573 Identifies areas requiring corrective action as result of IE insps of fire protection equipment Revised Tech Specs upgrading fire barrier penetration & schedule for modifying valve circuit should be submitted within 60 days.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/14. 5pp

8003240418 Discusses new emergency planning criteria published in 791217 FR notice & NUREG-0654 Requests that NRC 800325-26 emergency planning site visit be used to evaluate new criteria as applied to plants  
UTLEY, E E Carolina Power & Light Co 80/03/18 2pp

## J Insurance & indemnity information

8003070280 Forwards certified Endorsement 3 to NELIA Policies EB-54 & EB-55 & Endorsement 3 to MAELU Binders XB-54 & XB-55  
GRAHAM, H E Carolina Power & Light Co 80/02/27 8pp.

8003070292 Forwards certified Endorsement 33 to MAELU Policy MF-80  
GRAHAM, H E Carolina Power & Light Co 80/02/27 2pp

## F Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800107  
EISENHUT, D G. Division of Operating Reactors 79/12/20. 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWER, D. A. Core Performance Branch. 79/11/30. 106pp.

8003030351 Forwards comments on proposed radiological effluent & environ monitoring Tech Specs NRC review based on NUREG-0473, "Radiological Effluent Tech Specs for BHRs" & branch position for acceptable monitoring program.  
IPPOLITO, T. A Operating Reactors Branch 3 80/02/14. 132pp

8003100045 Forwards Equifax questionnaire to gather info re epidemiological study data concerning effects of low level ionizing radiation Visits planned for mid-Mar  
IPPOLITO, T A Operating Reactors Branch 3 NRC-01-79-010  
80/02/25 13pp

8003270051 Summary of 800205 meeting w/CP&L in Bethesda, MD re shielding requirements resulting from TMI Lessons Learned Task Force recommendation Supporting documentation encl  
NEIGHBOURS, D Operating Reactors Branch 1 80/03/04 10pp

8003250187 Forwards Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 2pp

--8003250197 Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively, correcting table of safety-related hydraulic snubbers, providing for systematic implementation of instrumentation of mods & elimination shorting links requirement  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 58pp

--8003250205 Safety evaluation supporting Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively  
\* Office of Nuclear Reactor Regulation 80/03/14 6pp

--8003250210 Notice of issuance & availability of Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 2pp.

8003210518 Responds to NRC 800223 request for info describing isolation valve configuration & indicating presence of Event 3 isolation valve configuration Valve configurations not extant in RHR & core spray sys  
UTLEY, E E Carolina Power & Light Co 80/03/17 1p

8003280561 Confirms 800317 submittal of computer code listings for UE&C-ADLPIPE-2 main steam & safety relief valve discharge line seismic reanalysis Printouts update previously submitted listings  
UTLEY, E E Carolina Power & Light Co 80/03/25 2pp

## G Inspection reports, IE Bulletins & correspondence

8003270272 Forwards IE Insp Repts 50-324/79-39 & 50-325/79-43 791027-1130 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/19 2pp

--8003270282 IE Insp Repts 50-324/79-39 & 50-325/79-43 on 791027-1130 No noncompliance noted Major areas inspected plant operation, plant tours, radiation protection, physical protection, QA, organization & administration  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch CUITTS, J E Region 2, Atlanta, Office of the Director 79/12/19 5pp

8003110200 Forwards IE Insp Repts 50-324/80-01 & 50-325/80-01 on 800107-11 No noncompliance noted  
TOMR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 2pp

--8003110208 IE Insp Repts 50-324/80-01 & 50-325/80-01 on 800107-11 No noncompliance noted Major areas inspected emergency facility & equipment, means for determining release, emergency training & organization  
JENKINS, O R Region 2, Atlanta, Fuel Facility & Materials Safety Branch ANDREWS, D L, TAYLOR, P A Region 2, Atlanta, Office of the Director 80/01/28 12pp

8003130583 Forwards IE Insp Repts 50-324/79-40 & 50-325/79-44 on 791201-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--8003130591 IE Insp Repts 50-324/79-40 & 50-325/79-44 on 791201-14 No noncompliance noted Major areas inspected plant operations, plant tours, radiation protection, QA, organization & administration & followup of abnormal events  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch CUITTS, J E Region 2, Atlanta, Office of the Director. 80/01/24 4pp

8003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required.  
O'REILLY, J P. Region 2, Atlanta, Office of the Director 80/01/31 2pp

## DOCKETED ITEMS

- 8003190080 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p
- 8003190241 Ack receipt of 791116 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-324/79-34 & 50-325/79-35  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/01 1p
- 8003190251 Responds to NRC 791026 ltr re violations noted in IE Insp Repts 50-324/79-34 & 50-325/79-35, Corrective actions permanently mounted signs have been installed Plant mod issued, changing piping  
TOLLISON, A C Carolina Power & Light Co 79/11/16 2pp
- 8003190256 Forwards IE Insp Repts 50-324/79-34 & 50-325/79-35 on 790727-0831 & notice of violation.  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/10/26 2pp
- 8003190262 Notice of violation from insp on 790727-0831  
\* Region 2, Atlanta, Office of the Director 79/10/16 1p
- 8003190269 IE Insp Repts 50-324/79-34 & 50-325/79-35 on 790727-0831 Noncompliance noted failure to have radiation signs posted at entrance to radiation area & correct procedure for valving in instrument sensor  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch, QUITS, J E Region 2, Atlanta, Office of the Director 79/10/16 6pp
- 8003260010 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits." No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p
- 8003180116 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch Tray Adsorber Cells." Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp
- 8003180028 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break w/Continued Feedwater Addition." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp.
- 8003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003280664 Forwards IE Insp Repts 50-324/80-02 & 50-325/80-02 on 800122-23 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/12 2pp
- 8003280669 IE Insp Repts 50-324/80-02 & 50-325/80-02 on 800122-23 No noncompliance noted Major areas inspected: seismic analysis for as-built safety-related piping sys, IE Bulletin 79-14 & concrete expansion anchor installation, IE Bulletin 79-02  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch, ANG, W J, MODERNS, L Region 2, Atlanta, Office of the Director 80/02/08 4pp
- 8003100026 Supplements response to IE Bulletin 80-01, Compressors noted in original response are emergency standby compressors Noninterruptible instrument air sys consists of sys which supply air to safety-related equipment in reactor bldg.  
FURR, B J Carolina Power & Light Co 80/02/14 3pp
- 8003130220 Supplements 791005 response to IE Insp Repts 50-324/79-19 & 50-325/79-19 Completion of review of util corporate QA program, Parts 2 & 3, delayed due to manpower requirements resulting from YMI incident  
TOLLISON, A C Carolina Power & Light Co 80/02/19 1p
- 8003130185 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation." Electrical distribution sys is designed to furnish adequate power to plant sys supporting normal power production  
FURR, B J Carolina Power & Light Co 80/02/26, 6pp
- 8003130188 "Fire Protection Program Review APCSB 9 5-1, Analysis of Safe Shutdown Capability."  
\* United Engineers & Constructors, Inc (subs of Raytheon Co) 77/10/28 33pp
- 8003130194 "UPS Design & Operation Evaluation, Rept to PNSC in Response to NRC Concerns Arising From Unit 1 SCRAM on 791120."  
WAGGNER, L V, BOONE, J S, MODRE, D E Carolina Power & Light Co 79/11/26 20pp
- 8003140036 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003180169 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment." No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003180309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003180112 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp
- 8003140406 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180069 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180124 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003260203 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp
- 8003250547 Forwards IE Info Notice 80-11, "Generic Problems w/ABCD Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p
- 8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp
- R Periodic operating reports & related correspondence
- 8003060421 Forwards "Semiannual Environ Effluent Rept, Jul-Dec 1979"  
FURR, B J Carolina Power & Light Co 80/02/22 1p
- 8003060425 "Semiannual Environ & Effluent Rept, Jul-Dec 1979"  
\* Carolina Power & Light Co 80/12/31 100pp
- 8003040540 Forwards "Annual Operating Rept of Changes, Tests & Experiments 1979"  
TOLLISON, A C Carolina Power & Light Co 80/02/28 1p
- 8003040556 "Annual Operating Rept of Changes, Tests & Experiments 1979"  
\* Carolina Power & Light Co 79/12/31 100pp
- 8003170431 Forwards monthly operating repts for Feb 1980  
TOLLISON, A C Carolina Power & Light Co 80/03/07 1p.
- 8003170435 Monthly operating repts for Feb 1980  
WILLIS, E. A Carolina Power & Light Co 80/03/07 12pp

# DOCKETED ITEMS

169

## S Reportable occurrences, LERs & related correspondence

8003100166 PNO-II-80-022 on 800208, w/both units operating, both seismic recorders activated Checks made w/other agencies revealed no seismic activity Licensee implemented emergency procedure Evidently caused by welding activities  
HARDIN, A K KELLOGG, P Region 2, Atlanta, Office of the Director  
80/02/08 1p

8003100227 PNO-II-80-023 on 800213, during surveillance test, reactor trip occurred when mechanic accidentally struck instrument w/wrench Bligg was evacuated due to increased radioactive gas Individual has small contamination level on clothing  
HARDIN, A K KELLOGG, P J Region 2, Atlanta, Office of the Director  
80/02/13 1p

8003030434 Forwards LER 80-033/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/02/20 1p

--8003030442 LER 80-033/03L-0 on 800215, while attempting to start RHR 2A room cooler, breaker tripped on magnetics RHR 2B room cooler was under limiting conditions for operation, making both LPCI inoperable Cause undetermined Breaker reset  
TOLLISON, A C Carolina Power & Light Co 80/02/20 1p

8003030558 Forwards LER 80-022/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/02/22 1p

--8003030566 LER 80-022/03L-0 on 800206, during normal shift turnover, discovered RIP valves for containment particulate & gaseous radioactivity monitoring sys, CAC-AQH-1260, 1261 & 1262 closed Caused by isolation of valves during penetrant test  
TOLLISON, A C Carolina Power & Light Co 80/02/22 2pp

8003030419 Forwards LER 80-004/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/02/25 1p

--8003030423 LER 80-004/03L-0 on 800127, during normal operations, containment atmospheric monitor CAC-AT-1263 kept shutting down due to low flow following inerting operation of drywell Cause undetermined Instruments to be replaced  
TOLLISON, A C Carolina Power & Light Co 80/02/25 1p

8003040594 Forwards supplemental LER 80-010/03L-1  
TOLLISON, A C Carolina Power & Light Co 80/02/27 1p

--8003040603 Supplemental LER 80-010/03L-1 on 800114, during normal plant operation, OD-1 determined that max critical power ratio was below Tech Specs For bundle 43-28 Caused by problems w/low power range monitor & core flow input Power reduced  
TOLLISON, A C Carolina Power & Light Co 80/02/27 2pp

8003030479 Forwards LER 80-015/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/02/28 1p

--8003030482 LER 80-015/03L-0 on 800201, during surveillance tour of reactor bldg, suppression pool level indicator CAC-LT-2601 read high offscale Caused by physical dislocation of transmitter & bent ref leg piping Situation repaired  
TOLLISON, A C Carolina Power & Light Co 80/02/28 2pp

8003110668 Forwards LER 80-007/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/04 1p

--8003110671 LER 80-007/03L-0 on 800204, when plant batteries were placed in equalize, steam leak detection A logic topaz inverter, model 125-GW 12560, tripped Caused by improper setting on inverter high voltage trip Inverter trips recalibr  
TOLLISON, A C Carolina Power & Light Co 80/03/04 1p

8003120937 Forwards LER 80-018/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/05 1p

--8003120548 LER 80-018/03L-0 on 800205, during normal plant operation, mechanic sent to investigate Bergen-Paterson snubber 28W-1738B114 Snubber found unscrewed from mounting paddle Caused by high line vibration  
TOLLISON, A C Carolina Power & Light Co 80/03/05 1p

8003180981 Forwards LER 80-029/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/11 1p

--8003180587 LER 80-029/03L-0 800213, following reactor scram, suppression pool level exceeded 27 inches due to lifting of three reliefs & running of HPIC & RCIC Caused by burned contacts on relay B21-K59 in opening logic for F049 valve  
TOLLISON, A C Carolina Power & Light Co 80/03/11 1p

8003180412 Forwards LER 80-028/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/12 1p

--8003180418 LER 80-028/03L-0 on 800212, while performing PT 2 I BPC, reactor core isolation cooling exhaust diaphragm calibr & functional test, high pressure switches ES1-PS-ND12A & C actuated at 11.9 psig Caused by instrument drift  
TOLLISON, A C Carolina Power & Light Co 80/03/12 1p

8003210456 Forwards LER 80-032/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/13 1p

--8003210463 LER 80-032/03L-0 on 800216, while inerting drywell using containment atmosphere dilution tank, storage tank level decreased to less than 4,350 gallons Caused by stem leak on tank vent valve HV-13 Valve packing gland tightened  
TOLLISON, A C Carolina Power & Light Co 80/03/13 1p

8003250466 Forwards LER 80-026/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/13 1p

--8003250474 LER 80-026/03L-0 on 800225, while performing HPCI steamline high differential pressure channel calibr and functional check, main steamline high flow instrument 2E41-OPIS-ND04 found out of tolerance Caused by setpoint drift  
TOLLISON, A C Carolina Power & Light Co 80/03/13 1p

8003250551 Forwards LER 80-035/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/17 1p

--8003250559 LER 80-035/03L-0 on 800219, during normal plant operation, operator noticed containment atmosphere monitor CAC-AT-1263 would not run due to low flow Caused by faulty monitor Monitor will be repaired before return to power  
TOLLISON, A C Carolina Power & Light Co 80/03/17 1p

## DOCKET 80-325 BRUNSWICK STEAM ELECTRIC PLANT, UNIT 1

### F Security, medical, emergency & fire protection plans

8003240573 Identifies areas requiring corrective action as result of IE insps of fire protection equipment Revised Tech Specs upgrading fire barrier penetration & schedule for modifying valve circuit should be submitted within 60 days  
IPPOLITO, T A Operating Reactors Branch 3 80/02/14 5pp

8003240418 Discusses new emergency planning criteria published in 791219 FR notice & NUREG-0654 Requests that NRC 800325-26 emergency planning site visit be used to evaluate new criteria as applied to plants  
UTLEY, E E Carolina Power & Light Co 80/03/18 2pp

### J Insurance & indemnity information

8003070280 Forwards certified Endorsement 3 to NELA Policies EB-54 & EB-55 & Endorsement 3 to MAELU Binders XB-54 & XB-55  
GRAHAM, W E Carolina Power & Light Co 80/02/27 8pp

8003070292 Forwards certified Endorsement 33 to MAELU Policy MF-80  
GRAHAM, W E Carolina Power & Light Co 80/02/27 2pp

### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LQCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LQCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003030351 Forwards comments on proposed radiological effluent & environ monitoring Tech Specs NRC review based on NUREG-0473, "Radiological Effluent Tech Specs for BWRs" & branch position for acceptable monitoring program  
IPPOLITO, T A Operating Reactors Branch 3 80/02/14 132pp

8003100045 Forwards Equifax questionnaire to gather info re epidemiological study data concerning effects of low level ionizing radiation Visits planned for mid-Mar  
IPPOLITO, T A Operating Reactors Branch 3, NRC-01-79-010  
80/02/25 13pp

## DOCKETED ITEMS

- 8003270051 Summary of 800205 meeting w/CP&L in Bethesda, MD re shielding requirements resulting from TMI Lessons Learned Task Force recommendation Supporting documentation encl  
NEIGHBOERS, D Operating Reactors Branch 1 80/03/04 10pp
- 8003250187 Forwards Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 2pp
- 8003250197 Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively, correcting table of safety-related hydraulic snubbers, providing for systematic implementation of instrumentation of nodes & elimination shorting links requirement  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 98pp
- 8003250205 Safety evaluation supporting Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively  
\* Office of Nuclear Reactor Regulation 80/03/14 6pp
- 8003250210 Notice of issuance & availability of Amends 26 & 50 to Licenses DPR-71 & DPR-62, respectively  
IPPOLITO, T A Operating Reactors Branch 3 80/03/14 2pp
- 8003210518 Responds to NRC 800223 request for info describing isolation valve configuration & indicating presence of Event 5 isolation valve configuration Valve configurations not extant in RHR & core spray sys  
UTLEY, E E Carolina Power & Light Co 80/03/17 1p
- 8003260561 Confirms 800317 submittal of computer code listings for UEGC-ADLPIPE-2 main steam & safety relief valve discharge line seismic reanalysis Printouts update previously submitted listings  
UTLEY, E E Carolina Power & Light Co 80/03/25 2pp
- Q Inspection reports, IE Bulletins & correspondence
- 8003270272 Forwards IE Insp Repts 50-324/79-39 & 50-325/79-43 791027-1130 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/19 2pp
- 8003270282 IE Insp Repts 50-324/79-39 & 50-325/79-43 on 791027-1130 No noncompliance noted Major areas inspected plant operation, plant tours, radiation protection, physical protection, QA, organization & administration  
KELLUGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch, DUZTS, J E Region 2, Atlanta, Office of the Director 79/12/19 5pp
- 8003110200 Forwards IE Insp Repts 50-324/80-01 & 50-325/80-01 on 800107-11 No noncompliance noted  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/28 2pp
- 8003110208 IE Insp Repts 50-324/80-01 & 50-325/80-01 on 800107-11 No noncompliance noted Major areas inspected emergency facility & equipment, means for determining release, emergency training & organization  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch, ANDREWS, D L, TAYLOR, P A Region 2, Atlanta, Office of the Director 80/01/28 12pp
- 8003130583 Forwards IE Insp Repts 50-324/79-40 & 50-325/79-44 on 791201-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/28 2pp
- 8003130591 IE Insp Repts 50-324/79-40 & 50-325/79-44 on 791201-14 No noncompliance noted Major areas inspected plant operations, plant tours, radiation protection, QA, organization & administration & followup of abnormal events  
KELLUGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch, DUZTS, J E Region 2, Atlanta, Office of the Director 80/01/24 4pp
- 8003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp
- 8003190080 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p
- 8003190241 Ack receipt of 791116 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-324/79-34 & 50-325/79-35  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/01 1p
- 8003190251 Responds to NRC 791026 ltr re violations noted in IE Insp Repts 50-324/79-34 & 50-325/79-35 Corrective actions permanently mounted signs have been installed Plant mod issued, changing piping  
TOLLISON, A C Carolina Power & Light Co 79/11/16 2pp
- 8003190256 Forwards IE Insp Repts 50-324/79-34 & 50-325/79-35 on 790727-0831 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/10/26 2pp
- 8003190262 Notice of violation from insp on 790727-0831  
\* Region 2, Atlanta, Office of the Director 79/10/16 1p
- 8003190269 IE Insp Repts 50-324/79-34 & 50-325/79-35 on 790727-0831 Noncompliance noted failure to have radiation signs posted at entrance to radiation area & correct procedure for valving in instrument sensor  
KELLUGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch, DUZTS, J E Region 2, Atlanta, Office of the Director 79/10/16 6pp
- 8003260010 Forwards IE Info Notice 80-04, "DHR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p
- 8003180116 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp
- 8003180028 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003280664 Forwards IE Insp Repts 50-324/80-02 & 50-325/80-02 on 800122-23 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/12 2pp
- 8003280669 IE Insp Repts 50-324/80-02 & 50-325/80-02 on 800122-23 No noncompliance noted Major areas inspected seismic analysis for as-built safety-related piping sys, IE Bulletin 79-14 & concrete expansion anchor installation, IE Bulletin 79-02  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch, ANG, W, MODENOS, L Region 2, Atlanta, Office of the Director 80/02/08 4pp
- 8003100026 Supplements response to IE Bulletin 80-01 Compressors noted in original response are emergency standby compressors Noninterruptible instrument air sys consists of sys which supply air to safety-related equipment in reactor bldg  
FURR, B J Carolina Power & Light Co 80/02/14 3pp
- 8003130220 Supplements 791005 response to IE Insp Repts 50-324/79-19 & 50-325/79-19 Completion of review of util corporate QA program, Parts 2 & 3, delayed due to manpower requirements resulting from TMI incident  
TOLLISON, A C Carolina Power & Light Co 80/02/19 1p
- 8003130185 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Electrical distribution sys is designed to furnish adequate power to plant sys supporting normal power production  
FURR, B J Carolina Power & Light Co 80/02/26 6pp
- 8003130188 "Fire Protection Program Review APCSB 9 5-1, Analysis of Safe Shutdown Capability "  
\* United Engineers & Constructors, Inc (subs of Raytheon Co ) 77/10/28 33pp

# DOCKETED ITEMS

171

--8003130194 "UPS Design & Operation Evaluation, Rept to PNSC in Response to NRC Concerns Arising from Unit 1 SCRAM on 7/11/20"  
WAGNER, L V, BOONE, J S, MOORE, D E Carolina Power & Light Co  
7/11/26 20pp

8003140036 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180169 Forwards supplemental info to IE Bulletin 79-018, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180112 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140406 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180069 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180124 Forwards IE Info Notice 80-08 "Statex Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003260203 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250547 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## R Periodic operating reports & related correspondence

8003060421 Forwards "Semiannual Environ Effluent Rept, Jul-Dec 1979 "  
FURR, B J Carolina Power & Light Co 80/02/22 1p

--8003060425 "Semiannual Environ & Effluent Rept, Jul-Dec 1979 "  
\* Carolina Power & Light Co 80/12/31 100pp

8003040540 Forwards "Annual Operating Rept of Changes, Tests & Experiments 1979 "  
TOLLISON, A C Carolina Power & Light Co 80/02/28 1p

--8003040556 "Annual Operating Rept of Changes, Tests & Experiments 1979 "  
\* Carolina Power & Light Co 79/12/31 100pp

8003170431 Forwards monthly operating repts for Feb 1980  
TOLLISON, A C Carolina Power & Light Co 80/03/07 1p

--8003170435 Monthly operating repts for Feb 1980  
WILLIS, E A Carolina Power & Light Co 80/03/07 12pp

## S Reportable occurrences, LERs & related correspondence

8003100166 PNO-11-80-022 on 800208, w/both units operating, both seismic recorders activated Checks made w/other agencies revealed no seismic activity Licensee implemented emergency procedure Evidently caused by welding activities  
HARDIN, A, KELLOGG, P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003030585 Forwards LER 80-020/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/02/22 1p

--8003030594 LER 80-020/03L-0 on 800206, during normal shift turnover, discovered RIP valves for containment particulate & gaseous radioactivity monitoring sys closing Caused by isolation of valves during penetrant test  
TOLLISON, A C Carolina Power & Light Co 80/02/22 2pp

8003030560 Forwards supplemental LER 79-076/03L-1  
TOLLISON, A C Carolina Power & Light Co 80/02/27 1p

--8003030567 Supplemental LER 79-076/03L-1 on 791002, during attempt to establish RHR svc water flow for engineering evaluation, valve E11-FO6BB would not open Caused by position modulator contacts sticking Contacts freed by tapping on relay body  
TOLLISON, A C Carolina Power & Light Co 80/02/27 2pp

8003110523 Forwards LER 80-023/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/05 1p

--8003110527 LER 80-023/03L-0 on 800208, during normal plant operation, reactor vessel conductivity exceeded 2 umho/cm for 25 6-h Caused by inability of reactor water cleanup sys to operate at full capacity, due to heat exchanger leakage  
TOLLISON, A C Carolina Power & Light Co 80/03/05 1p

8003180371 Forwards LER 80-026/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/10 1p

--8003180395 LER 80-026/03L-0 on 800212, during normal operation, control operator received upscale, downscale, inoperable & rod block alarms on rod block monitor A Caused by blown fuse in 2B volt power supply Fuse replaced  
TOLLISON, A C Carolina Power & Light Co 80/03/10 1p

8003180616 Forwards LER 80-016/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/10 1p

--8003180621 LER 80-016/03L-0 on 800214, while running inner diameter RHR pump in torus cooling mode in preparation for HPCI surveillance testing, pump tripped, making B loop of LPCI inoperable Cause unknown Breaker reset & pump started  
TOLLISON, A C Carolina Power & Light Co 80/03/10 1p

8003180403 Forwards LER 80-018/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/12 1p

--8003180413 LER 80-018/03L-0 on 800213, during surveillance tour, B loop of core spray was found draining from torus after being placed under clearance for maint Caused by open FO-10B valve, pump vents & drain valves FO-10B valve was shut  
TOLLISON, A C Carolina Power & Light Co 80/03/12 2pp

8003180505 Forwards LER 80-014/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/13 1p

--8003180511 LER 80-014/03L-0 on 800214, while performing suppression pool high water channel functional test, manual isolation valve on low side of IE41-LSH-N015A was found closed Cause not known Valve reopened  
TOLLISON, A C Carolina Power & Light Co 80/03/13 2pp

8003250499 Forwards LER 80-006/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/19 1p

8003310286 Forwards LER 80-012/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/24 1p

--8003310292 LER 80-012/03L-0 on 800224, during normal plant operation, RIP valves, variable leg isolation for torus level transmitter & variable leg for torus level pressure switch shut & could not be opened Caused by failure of svc air compressors  
TOLLISON, A C Carolina Power & Light Co 80/03/24 2pp

8003310348 Forwards LER 80-017/03L-0  
TOLLISON, A C Carolina Power & Light Co 80/03/24 1p

## DOCKETED ITEMS

--8003310350 LER 80-017/03L-0 on 800227, during normal plant operation, discovered primary containment gaseous monitor Model SC-2B, has unexplained shift from 1,000 cpm to 60 cpm Caused by water in detector chamber Detector dried & recalibr  
TOLLISON, A C Carolina Power & Light Co 80/03/24 1p

## DOCKET 50-327 SEQUOYAH NUCLEAR PLANT, UNIT 1

## A Application/construction stage documents &amp; correspondence

8002250529 Favors delay in issuance of DL, since NC area surrounded by nuclear plants Newspaper articles encl  
HAIGHT, G Affiliation Unknown 80/02/15 2pp

800304018B Notification of 800226 meeting w/utills in Bethesda, MD to discuss addl clarification of NRC requirements in design review of plant shielding & environ qualification of equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 80/02/19 9pp

8003050443 Forwards response to 800227 telcon addressing informal questions re human engineering of control room panels, as result of MIT 790719 memo expressing concerns  
MILLS, L M Tennessee Valley Authority 80/02/27 4pp.

8003310140 Forwards "Evaluation of Special Test Program" & "Special Test Number 1 Natural Circulation Test"  
MILLS, L M Tennessee Valley Authority 80/03/27 36pp

--8003310141 "Special Test Number 1 Natural Circulation Test"  
\* Tennessee Valley Authority 80/03/27 400pp

## F Security, medical, emergency &amp; fire protection plans

8003050580 Forwards response to Item B(1) in NRC 791022 ltr & drawings re fire protection safe shutdown analysis Control circuit design will be submitted by 800601 Drawings available in Central Files only  
JANACEK, R F Commonwealth Edison Co 80/02/29 7pp

## H General correspondence

8003040216 Lists reasons for expected NRC recommendation to authorize low power testing at facility, in response to 800214 ltr  
Concurs w/position that NUREG-0454 should be used in evaluating emergency plans prior to issuance of DL  
DEBTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp

--8003040223 Discusses emergency planning & preparedness re facility in response to NRC 800214 ltr NRC recommendation for licensing to permit low power testing appears reasonable due to potential for accidents & condition of emergency plans  
MC CONNELL, J W Federal Emergency Management Agency 80/02/14 2pp

## J Insurance &amp; indemnity information

8003030317 Forwards Endorsement 15 to NELIA Policy NF-247  
FIELDER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/02/25 2pp

8003240166 Executed Amend 6 to Indemnity Agreement B-82 changing amount of financial protection & revising items 3 & 5 of indemnity attachments  
SALTZMAN, J Antitrust & Indemnity Group 80/02/29 2pp

8003110485 Forwards certified Endorsement 14 to NELIA Policy NF-247  
FIELDER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/03/03 2pp

8003190532 Forwards executed Amend 6 to Indemnity Agreement B-82, changing amount of financial protection & substituting license numbers in Item 3  
PARRIS, H G Tennessee Valley Authority 80/03/07 3pp

## P Operating license stage documents &amp; correspondence

8003280527 Submits update to 791213 ltr re status of investigations into Framatome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003170002 Issues License DPR-77 authorizing fuel loading & low power testing  
ROSS, D F Division of Project Management 80/02/29 2pp.

--80031/0005 License DPR-77 authorizing fuel loading & low power testing  
DEBTON, H R Office of Nuclear Reactor Regulation 80/02/29 12pp

--8003170006 Notice of issuance of License DPR-77  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/02/29 2pp

--8003170009 ETS (nonradiological), constituting App B to OL  
\* Commission NUREG-0620 80/02/29 14pp

--80031/0012 Tech Specs, constituting App A to License DPR-77  
\* Commission NUREG-0658 80/02/29 600pp Available at NTIS

8003110660 Discusses 800205 telcon re NRC concerns re pile design for waste packaging & condensate demineralizer waste evaporator bldg  
Written responses to NRC concerns encl  
MILLS, L M Tennessee Valley Authority 80/03/05 3pp

8003240174 Approves 800204 fuel load procedure change Revised count & signal noise ratio provide assurance of detectability & prevention of criticality  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/05 2pp

8003250611 Confirms discussion re 800305-06 visit to Singleton Matls Engineering-Metallography labs for metallurgical examination of mockup used in qualifying weld draw bead realignment of pressurizer relief pipe  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/05 2pp

8003260041 Forwards comments on Emergency Operating Instruction EQI-1, Revision B four major deficiencies in procedures Diagnostic instruction needed to direct operator to emergency procedure appropriate to symptoms  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/07 10pp

8003260600 Forwards amended fish entrainment operational monitoring plan & rationale for proposed changes in fish entrainment operational monitoring program  
EL-ASHRY, M T Tennessee Valley Authority 80/03/17 8pp

8003310234 Notification of 800320 meeting w/utill & vendor in Bethesda, MD to discuss control rod guide tube support pins  
STAHL, C R Operating Reactors Branch 4 80/03/19 2pp

8003260369 Forwards evacuation time estimates provided by Hamilton, Laurence & Limestone Counties No unusual evacuation constraints requiring special planning measures identified  
One oversize map encl Map available in Central Files only  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

8003310308 Application for amend to License DPR-77 re radioactive effluent monitoring Forwards proposed changes to Tech Specs  
MILLS, L M Tennessee Valley Authority 80/03/28 1p

--8003310312 Proposed changes to Tech Specs, consisting of clarification changes, corrections & mods to radioactive effluent monitoring requirements  
\* Tennessee Valley Authority 80/03/28 17pp

## Q Inspection reports, IF Bulletins &amp; correspondence

8003120239 Forwards IE Insp Repts 50-327/79-67 & 50-328/79-34 on 791204-07 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/04 2pp

--8003120246 IE Insp Repts 50-327/79-67 & 50-328/79-34 on 791204-07 No noncompliance noted Major areas inspected electrical work, work activities & quality records  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch QIBBONS, T D Region 2, Atlanta, Office of the Director 80/01/02 4pp

8003190627 Forwards IE Insp Repts 50-327/79-72 & 50-328/79-35 on 791218-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp

--8003190632 IE Insp Repts 50-327/79-72 & 50-328/79-35 on 791218-20 No noncompliance noted Major areas inspected deficiency items, inspector followup items, IE bulletins & observation of safety-related activities  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch GOUGE, M J Region 2, Atlanta, Office of the Director 80/01/10 5pp

# DOCKETED ITEMS

173

- 8003190605 Forwards IE Insp Rept 80-327/79-71 on 791103-30 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/11 2pp
- 8003190610 IE Insp Rept 80-327/79-71 on 791103-30 No noncompliance noted Major areas inspected plant tours, followup on previously identified items, followup of plant incidents & review of plant vital equipment  
DANCE, H C, COTTLE, W T Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/11 5pp
- 8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class 1E Equipment " Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp
- 8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp
- 8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003310253 Forwards IE Insp Rept 80-327/79-73 on 791201-31 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/05 2pp
- 8003310257 IE Insp Rept 80-327/79-73 on 791201-31 No noncompliance noted Major areas inspected plant tours, followup on previous items & plant incidents, readiness for OL & enforcement followup  
DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch COTTLE, W T Region 2, Atlanta, Office of the Director 80/02/05 8pp
- 8003210015 Forwards IE Insp Rept 80-327/80-02 on 800116 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp
- 8003210020 IE Insp Rept 80-327/80-02 on 800116 No noncompliance noted Major areas inspected followup re repair of pressurizer relief line  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch VANDORRN, P K Region 2, Atlanta, Office of the Director 80/02/01 3pp
- 8003210176 Forwards response to IE Bulletin 79-2B Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp
- 8003180086 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003050327 Forwards IE Insp Rept 80-327/80-01 on 800109-11 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/15 2pp
- 8003050333 IE Insp Rept 80-327/80-01 on 800109-11 No noncompliance noted Major areas inspected security organization, protected area barriers & access control alarm stations & lighting Details withheld (ref 10CFR2 790)  
TODIN, W J Region 2, Atlanta, Safeguards Branch TILLMAN, A Region 2, Atlanta, Office of the Director 80/02/14 1p
- 8003190168 Ack receipt of 800204 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 80-327/79-70  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/22 1p
- 8003190179 Responds to NRC 800108 ltr re violation noted in IE Insp Rept 80-327/79-70 Corrective actions jumpers in Panel R17 & R14 installed to protect temp loop equipment during mod work Addl training given to instrument mechanics  
MILLS, L M Tennessee Valley Authority 80/02/04 2pp
- 8003190182 Forwards IE Insp Rept 80-327/79-70 on 791128-1201 & 03-07 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/09 2pp
- 8003190186 Notice of violation from insp on 791128-1201 & 03-07  
\* Region 2, Atlanta, Office of the Director 80/01/09 1p
- 8003190193 IE Insp Rept 80-327/79-70 on 791128-1201 & 03-07 Noncompliance noted temporary alterations in form of unapproved jumpers found in Panel R17 on Terminal Board 17B & Panel R-14 on Terminal Board 14B  
BELISLE, G A, DONAT, T J Region 2, Atlanta, Office of the Director DANCE, H C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/09 6pp
- 8003140056 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003180189 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class 1E Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003210097 Requests addl six wks to respond to IE Bulletin 79-27 Response will be submitted by 800411  
MILLS, L M Tennessee Valley Authority 80/02/29 1p
- 8003180158 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp
- 8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180090 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp
- 8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p
- 8003260253 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp
- 8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p
- 8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp



## DOCKETED ITEMS

## R Periodic operating reports &amp; related correspondence

8003110468 "Discharge Monitoring Rept. 791101-800201"  
EL-ASHRV, M T Tennessee Valley Authority 80/02/28 87pp

## S Reportable occurrences, LERs &amp; related correspondence

8003110595 Forwards final deficiency rept re reactor coolant drain line  
not installed per drawings  
MILLS, L M Tennessee Valley Authority 80/03/03 1p

--8003110596 Final deficiency rept drain line connected to reactor  
coolant crossover leg piping in loop four not installed per  
design drawings Reanalysis of orientation & dimensions of  
reactor coolant drain line changed nozzle & support loads  
\* Tennessee Valley Authority 80/03/03 1p

8003110597 Forwards final deficiency rept re radiation monitors  
spurious signals  
MILLS, L M Tennessee Valley Authority 80/03/04 1p

--8003110599 Final deficiency rept readout instruments for 12 radiation  
monitors spiked upscale in unison for 2-h caused by  
interference produced by welding machines Signal cable for  
monitor D-RE-90-101A being rerouted in conduit  
\* Tennessee Valley Authority 80/03/04 1p

8003260320 PNS-II-80-007 on 800304, TVA employee gained unauthorized  
entry through guard house to protected area & following  
other personnel gained further access to reactor bldg  
Individual challenged & camera & film taken  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/03 1p

8003200461 Forwards LER 80-001/01T-0  
CALHOUN, J R Tennessee Valley Authority 80/03/14 1p

--8003200472 LER 80-001/01T-0 on 800301-03, during initial fuel loading,  
licensee failed to estimate flowrate from svc bldg exhaust  
at 4-h intervals Caused by misunderstanding of Tech Spec  
requirements Plant instructions revised  
\* Tennessee Valley Authority 80/03/14 2pp

## T Hearing transcripts on non-antitrust matters

8003140347 Transcript of 800228 briefing in Washington, DC re Sequoyah  
OL Pp 1-63  
\* Commission 80/02/28 64pp

--8003140351 Discusses problem re reactor pressure nozzle. Util insp  
detected small underload cracks flaws are acceptable from  
health & safety standpoint but must be monitored  
periodically NRC discussion & unsigned authorization encl  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/28  
20pp.

## DOCKET 80-328 BEQUDYAH NUCLEAR PLANT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8002250529 Favors delay in issuance of OL since NC area surrounded by  
nuclear plants Newspaper articles encl  
HAIGHT, O Affiliation Unknown 80/02/15 2pp

8003040188 Notification of 800226 meeting w/utills in Bethesda, MD to  
discuss addl clarification of NRC requirements in design  
review of plant shielding & environ qualification of  
equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 80/02/19 9pp

8003170002 Issues License DPR-77 authorizing fuel loading & low power  
testing  
ROSS, D F Division of Project Management 80/02/29 2pp

8003240174 Approves 800204 fuel load procedure changes Revised count &  
signal noise ratio provide assurance of detectability &  
prevention of criticality  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/03 2pp

8003250611 Confirms discussion re 800305-06 visit to Singleton Metals  
Engineering-Metallography labs for metallurgical examination  
of mockup used in qualifying weld draw bead realignment of  
pressurizer relief pipe  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/05 2pp

8003110644 Requests extension of completion date for scheduled fuel  
loading to May 1981 Delays due to added safety requirements  
resulting from TMI-2 accident  
MILLS, L M Tennessee Valley Authority 80/03/07 2pp

8003260041 Forwards comments on Emergency Operating Instruction E2  
Revision B four major deficiencies in procedures Diagnostic  
Instruction needed to direct operator to emergency procedures  
appropriate to symptoms  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/07/07 12pp

8003260400 Forwards amended fish entrainment operational monit. r-1  
plan & rationale for proposed changes in fish entrainment  
operational monitoring program  
EL-ASHRV, M T Tennessee Valley Authority 80/03/17 8pp

8003260369 Forwards evacuation time estimates provided by Hamilton  
Lawrence & Limestone Counties No unusual evacuation  
constraints requiring special planning measures identified  
One oversize map encl Map available in Central Files only  
MILLS, L M Tennessee Valley Authority 80/03/20 9pp

8003280485 Forwards Westinghouse 800304 ltr to TVA recommending  
performing low pressure portion of upper head injection test  
& not performing high pressure blowdown test Concur w/  
recommendation & requests NRC evaluation.  
MILLS, L M Tennessee Valley Authority 80/03/21 4pp

## H General correspondence

8003040216 Lists reasons for expected NRC recommendation to authorize  
low power testing at Facility, in response to 800234 ltr  
Concur w/position that NUREG 0604 should be used in  
evaluating emergency plans prior to issuance of OL  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2

--8003040223 Discusses emergency planning & preparedness re facility  
response to NRC 800214 ltr NRC recommendation for licensing  
to permit low power testing appears reasonable due to  
potential for accidents & condition of emergency plans  
MCCONNELL, J W Federal Emergency Management Agency 80/02/11  
2pp

## J Insurance &amp; indemnity information

8003030317 Forwards Endorsement 15 to NELIA Policy NF-247  
FIELDER, J Marsh & McLennan, Inc. M & M Nuclear Consultants, Inc  
Div 80/02/25 2pp

8003110485 Forwards certified Endorsement 14 to NELIA Policy NF-247  
FIELDER, J Marsh & McLennan, Inc. M & M Nuclear Consultants, Inc  
Div 80/03/03 2pp

## P Operating license stage documents &amp; correspondence

8003170009 ETB (nonradiological), constituting App B to OL  
\* Commission NURFO-0620 80/02/29 14pp

8003110660 Discusses 800205 telcon re NRC concerns re pile design fuel  
waste packaging & condensate demineralizer waste evaporator  
bldg Written responses to NRC concerns encl  
MILLS, L M Tennessee Valley Authority 80/03/05 3pp

## G Inspection reports, IF Bulletins &amp; correspondence

8003120239 Forwards IE Insp Repts 80-327/79-67 & 80-328/79-31 on  
791204-0/ No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/04 2pp

--8003120246 IE Insp Repts 80-327/79-67 & 80-328/79-31 on 791201-03  
noncompliance noted Major areas inspected electrical work,  
work activities & quality records  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 01880NS, T D Region 2, Atlanta, Office of the  
Director 80/01/02 4pp

8003190627 Forwards IE Insp Repts 80-327/79-72 & 80-328/79-35 on  
791218-20, No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/10 2pp

# DOCKETED ITEMS

175

--8003190632 IE Insp Repts 50-327/79-72 & 50-328/79-35 on 791218-20 No noncompliance noted Major areas inspected deficiency items, inspector followup items, IE bulletins & observation of safety-related activities  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch  
GOUQUE, M J Region 2, Atlanta, Office of the Director 80/01/10 5pp

8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp

8003140007 Forwards IE Insp Rept 50-328/80-01 on 800107-10 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/25 2pp

--8003140016 IE Insp Rept 50-328/80-01 on 800107-10 No noncompliance noted Major areas inspected installation & associated records for safety-related electrical cables & fire suppression equipment  
RUFF, A B Region 2, Atlanta, Office of the Director  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/25 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

## R Periodic operating reports & related correspondence

8003110468 "Discharge Monitoring Rept. 791101-800201 " EL-ASHRY, M T Tennessee Valley Authority 80/02/28 87pp

## S Reportable occurrences, LERs & related correspondence

8003110577 Forwards final deficiency rept re radiation monitors spurious signals  
MILLS, L M Tennessee Valley Authority 80/03/04 1p

--8003110577 Final deficiency rept readout instruments for 12 radiation monitors spiked upscale in union for 2-h Caused by interference produced by welding machines Signal cable for monitor O-RE-90-101A being rerouted in conduit  
\* Tennessee Valley Authority 80/03/04 1p

## DOCKET 50-329 MIDLAND PLANT, UNIT 1

### A Application/construction stage documents & correspondence

8003190621 Notification of 800227-28 initial site visit w/util, US Corps of Engineers, US Navy Surface Weapons Ctr & Energy Technology Engineering Ctr & Bechtel to observe facility soils settlement & effects  
HOOD, D S Light Water Reactors Branch 4 80/02/14 3pp

8003040166 Notification of 800220 meeting w/B&W & CPC in Lynchburg, VA to discuss input data for MAXITRAP computer code used for overcooling transients at facilities Agenda & list of attendees encl  
HOOD, D S Light Water Reactors Branch 4 80/02/15 4pp

8003040484 Forwards "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps," addendum to "Analysis of B&W Nuclear Steam Sys Response to ATWS Events "  
TAYLOR, J H Babcock & Wilcox Co 80/02/26 1p

--8003040478 "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps "  
\* Babcock & Wilcox Co BAW-1410 80/02/01 31pp

8003190765 Summary of 800220 meeting w/util & B&W in Lynchburg, VA re computer codes for NRC audit analysis on B&W sys sensitivity  
HOOD, D S Light Water Reactors Branch 4 80/02/26 8pp

8003100232 Application for Amend 74 to CP & OL re plant fill, Revision 5  
HOWELL, S H Carolina Power & Light Co 80/02/28 250pp

8003240223 Informs of Energy Technology Engineering Ctr assistance w/ review of applications for OLs Requests that info re mechanical engineering matters be sent to company  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/02/29 3pp

8003250056 Forwards request for addl info re changes & studies proposed in util 791204 response to NRC 791025 request re design adequacy of B&W sys utilizing once-through steam generators Reply requested by 800403  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/07 9pp

8003240331 Ack receipt of 800221 response to NRC 800211 request for fees Request based on util 791219 application for amend to CP Amend applications resulting from noncompliance items noted during insps are not fee exempt  
MILLER, W D License Fee Management Branch 80/03/10 1p

8003280187 Forwards seismic input parameters for geotechnical review & geotechnical considerations guidance  
JACKSON, R E Geosciences Branch 80/03/13 1p

--8003280187 Discusses seismologic input parameters for geotechnical review  
HASTLER, S Geosciences Branch 80/03/17 5pp

## DOCKETED ITEMS

## G Adjudicatory correspondence

8003130201 Advises of CPC revised schedule Projected fuel load is Apr 1984 for Unit 2 & Sept 1984 for Unit 1 Unit 2 commercial operation set for Sept 1984 Unit 1 scheduled for electric & steam commercial operation Mar 1985 & May 1985, respectively  
O'BBS, M E Isham, Lincoln & Beale 80/02/08 2pp

8003190204 Responds to 80012B ltr requesting termination of const at facility based on spent fuel storage considerations Advises that issues be brought before ASLB  
OLMSTEAD, W J Office of the Executive Legal Director 80/02/26 2pp

--8003190207 Requests that facility be closed down due to siting violation & intent by util to store spent fuel beyond six months  
MARSHALL, W H Affiliation Unknown 80/01/28 1p

8003130233 Notice of hearing to be published in FR, in response to CPC 791226 request, re Ofc of Nuclear Reactor Regulation & IE 791206 joint order modifying CP to prohibit soil-related activities pending approval of amendments  
CHILK, S J Office of the Secretary of the Commission 80/03/14 3pp

8003280019 Notice of appearance in QLS proceeding Certificate of Svc encl  
PATON, W D Hearing Branch 4 80/03/26 3pp

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## I Financial information

8003120341 Forwards "Annual Rept to Shareholders, 1979"  
PERRY, P A Consumers Power Co 80/03/07 45pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003120164 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140217 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110113 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190341 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003200486 Forwards IE Insp Repts 50-329/80-02 & 50-330/80-02 on 800111 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 2pp

--8003200496 IE Insp Repts 50-329/80-02 & 50-330/80-02 on 800111 No noncompliance noted Major areas inspected discussion of const matters requiring resolution before issuance of DL  
KEPPLER, J G, FIORELLI, G, HEISHMAN, R F Region 3, Chicago, Office of the Director 80/01/31 4pp

8003110157 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003310132 Forwards IE Insp Repts 50-329/80-01 & 50-330/80-01 on 800108-11 & notices of violation & deviation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/16 2pp

--8003310134 Notice of violation from insp on 800108-11  
\* Region 3, Chicago, Office of the Director 80/02/12 2pp

--8003310139 Notice of deviation from insp on 791010-12 & 800108-11  
\* Region 3, Chicago, Office of the Director 80/02/12 1p

--8003310145 IE Insp Repts 50-329/80-01 & 50-330/80-01 on 800108-11 Noncompliance noted lack of welder qualification & records sign-off & failure to implement commitment make design change  
KNOPF, R C, VANDEL, T E, GALLAGHER, E J Region 3, Chicago, Office of the Director 80/02/12 17pp

8003050654 Forwards IE Insp Repts 50-329/80-03 & 50-330/80-03 on 800128-30 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/22 2pp

--8003050659 IE Insp Repts 50-329/80-03 & 50-330/80-03 on 800128-30 No noncompliance noted Major areas inspected QA/QC program, implementing procedures, work observation & review/evaluation of nondestructive examinations data & repts  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch WARD, K D Region 3, Chicago, Office of the Director 80/02/14 7pp

8003120352 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260473 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260525 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260299 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250080 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications including Fire Protection Sys" No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260245 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003250544 Forwards investigation re IE Bulletin 80-03 Tray type adsorber cells have not been purchased for use at facility  
HOWELL, S H Consumers Power Co 80/03/19 1p

## R Periodic operating reports &amp; related correspondence

8003280268 Forwards Bechtel nonconformance repts & logs, Bechtel QA requests, B&W repts of nonconformity, B&W inservice insp NCRs, CPC nonconformance repts, audit finding repts & corrective action repts for Feb 1980  
HOWELL, B Consumers Power Co 80/03/25 600pp

## S Reportable occurrences, LERs &amp; related correspondence

8003040243 Interim deficiency rept re pressurizer heater sys Plan for qualification of heaters & connector assemblies to satisfy IEEE stds requirements has been received from qualification lab Testing will be complete by first quarter of 1981  
HOWELL, S H Consumers Power Co 80/01/29 2pp

8003030511 Forwards final deficiency rept re incorrect Copes-Vulcan valve weight  
MILLS, L M Tennessee Valley Authority 80/02/11 1p

--8003030515 Final deficiency rept re incorrect Copes-Vulcan valve weight Rerun of piping sys load analyses indicates that existing supports adequate to absorb new loads  
\* Tennessee Valley Authority 80/02/11 1p

# DOCKETED ITEMS

177

8003040042 Ack receipt of 791221 final deficiency rept re drop in anchors NRC review will be completed during future insp  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/11 1p

8003040048 Ack receipt of util 791221 final deficiency rept re reactor spray piping supports NRC review will be completed during future insp  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/11 1p

8003030524 Forwards revised final deficiency rept re piping embedded in structural concrete  
MILLIGAN, M Tennessee Valley Authority 80/02/12 1p

--8003030528 Revised final deficiency rept re piping embedded in structural concrete Evaluation indicates that structural capacities would not be impaired by embedded pipes having been subjected to pressure greater than 200 psi  
\* Tennessee Valley Authority 80/02/12 2pp

8003040053 Ack receipt of 800129 interim deficiency rept re pressurizer heater sys NRC review will be conducted upon receipt of util final rept  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

8003070021 Ack receipt of 800207 final deficiency rept re settlement of diesel generator foundation & bldg Followup review will be conducted by Region 3 Reactor Const & Engineering Support Branch as well as by Div of Nuclear Reactor Regulation  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/25 1p

8003190076 Ack receipt of 800207 interim deficiency rept re containment structures' coatings Final rept to be reviewed on receipt  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/26 1p

8003190088 Ack receipt of 800208 interim deficiency rept re small break/reactor coolant pump operation interaction Final rept to be reviewed on receipt  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/26 1p

8003040490 Forwards interim deficiency rept re seismic & environ component qualifications Only Foxboro Model E10 transmitters were unable to meet qualification requirements  
HOWELL, S H Consumers Power Co 80/02/29 2pp

--8003040496 Interim deficiency rept re seismic & environ component qualifications Only Foxboro E10 transmitters were unable to meet qualification requirements "Qualification Test Status Rept," Revision 11 encl  
\* Bechtel Associates Professional Corp 80/02/01 57pp

8003070377 Forwards final deficiency rept re cracked disconnect links  
HOWELL, S H Consumers Power Co 80/03/03 2pp

--8003070379 Final deficiency rept re cracked disconnect links Caused by stress corrosion cracking Manufacturer & suppliers informed of deficiency Links in Class IE circuits will be tested & terminal blocks will be sent to Sandia by 800305  
\* Consumers Power Co 80/02/29 4pp

8003070387 Final deficiency rept re discrepant terminal block disconnect links discovered during check of non-Class IE startup transformer QX03A Caused by stress corrosion cracking Insp plan developed Search of records initiated  
HOWELL, S H Consumers Power Co 80/03/03 6pp

8003070395 Interim deficiency rept giving status of corrective action re broken anchor bolts in Unit 1 reactor vessel support skirt flange Next rept will be sent by 800301 Bechtel interim rept encl  
HOWELL, S H Consumers Power Co 80/03/03 6pp

--8003070397 "Investigation of Preservice Failure of Midland Reactor Pressure Vessel Anchor Studs," prepared for Bechtel  
\* Teledyne Engineering Services 80/01/25 65pp

## DOCKET 80-330 MIDLAND PLANT, UNIT 2

### A Application/construction stage documents & correspondence

8003190621 Notification of 800227-28 initial site visit w/util, US Corps of Engineers, US Navy Surface Weapons Ctr & Energy Technology Engineering Ctr & Bechtel to observe facility soils settlement & effects  
HOOD, D S Light Water Reactors Branch 4 80/02/14 3pp

8003040166 Notification of 800220 meeting w/B&W & CPC in Lynchburg, VA to discuss input data for MAXITRAP computer code used for overcooling transients at facilities Agenda & list of attendees encl  
HOOD, D S Light Water Reactors Branch 4 80/02/15 4pp

8003040484 Forwards "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps," addendum to "Analysis of B&W Nuclear Steam Sys Response to ATWS Events"  
TAYLOR, J H Babcock & Wilcox Co 80/02/26 1p

--8003040498 "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps"  
\* Babcock & Wilcox Co BAW-1610 80/02/01 31pp

8003190765 Summary of 800220 meeting w/util & B&W in Lynchburg, VA re computer codes for NRC audit analysis on B&W sys sensitivity  
HOOD, D S Light Water Reactors Branch 4 80/02/26 8pp

8003100232 Application for Amend 74 to CP & CL re plant fill, Revision 5  
HOWELL, S H Carolina Power & Light Co 80/02/28 250pp

8003240223 Informs of Energy Technology Engineering Ctr assistance w/ review of applications for DLs Requests that info re mechanical engineering matters be sent to company  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/02/29 3pp

8003250056 Forwards request for addl info re changes & studies proposed in util 791204 response to NRC 791025 request re design adequacy of B&W sys utilizing once-through steam generators Reply requested by 800403  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/07 9pp

8003240331 Ack receipt of 800221 response to NRC 800211 request for fees Request based on util 791219 application for amend to CP, Amend applications resulting from noncompliance items noted during insps are not fee exempt  
MILLER, W D License Fee Management Branch 80/03/10 1p

8003280187 Forwards seismic input parameters for geotechnical review & geotechnical considerations guidance  
JACKSON, R E Geosciences Branch, 80/03/13 1p

--8003280189 Discusses seismologic input parameters for geotechnical review  
WASTLER, S Geosciences Branch 80/03/17 5pp

### O Adjudicatory correspondence

8003130201 Advises of CPC revised schedule Projected fuel load is Apr 1984 for Unit 2 & Sept 1984 for Unit 1 Unit 2 commercial operation set for Sept 1984 Unit 1 scheduled for electric & steam commercial operation Mar 1985 & May 1985 respectively  
GIBBS, M E Isham, Lincoln & Beale 80/02/08 2pp

8003190204 Responds to 800128 ltr requesting termination of const at facility based on spent fuel storage considerations Advises that issues be brought before ASLS  
OLMSTEAD, W J Office of the Executive Legal Director 80/02/26 2pp

--8003190209 Requests that facility be closed down due to siting violation & intent by util to store spent fuel beyond six months  
MARSHALL, W H Affiliation Unknown 80/01/28 1p

8003310233 Notice of hearing to be published in FR, in response to CPC 791226 request, re Div of Nuclear Reactor Regulation & IE 791206 joint order modifying CP to prohibit soil-related activities pending approval of amends  
CHILK, S J Office of the Secretary of the Commission 80/03/14 3pp.

8003280019 Notice of appearance in DLs proceeding Certificate of Svc encl  
PATON, W D Hearing Branch 4 80/03/26 3pp

## DOCKETED ITEMS

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## I Financial information

8003120341 Forwards "Annual Rept to Shareholders, 1979"  
FERRY, P A Consumers Power Co 80/03/07 45pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003120164 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140217 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110113 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190341 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003200486 Forwards IE Insp Repts 50-329/80-02 & 50-330/80-02 on 800111 No noncompliance noted  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 2pp

--8003200496 IE Insp Repts 50-329/80-02 & 50-330/80-02 on 800111 No noncompliance noted Major areas inspected discussion of const matters requiring resolution before issuance of OL  
KEPPLER, J G, FIORELLI, G, HEIGHMAN, R F Region 3, Chicago, Office of the Director 80/01/31 4pp

8003110157 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003310132 Forwards IE Insp Repts 50-329/80-01 & 50-330/80-01 on 800108-11 & notices of violation & deviation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/16 2pp

--8003310134 Notice of violation from insp on 800108-11  
\* Region 3, Chicago, Office of the Director 80/02/12 2pp

--8003310139 Notice of deviation from insp on 791010-12 & 800108-11  
\* Region 3, Chicago, Office of the Director 80/02/12 1p

--8003310145 IE Insp Repts 50-329/80-01 & 50-330/80-01 on 800108-11 Noncompliance noted lack of welder qualification & records sign-off & failure to implement commitment make design change  
KNOP, R C, VANDEL, T E, GALLAGHER, E J Region 3, Chicago, Office of the Director 80/02/12 17pp

8003050654 Forwards IE Insp Repts 50-329/80-03 & 50-330/80-03 on 800128-30 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/22 2pp

--8003050659 IE Insp Repts 50-329/80-03 & 50-330/80-03 on 800128-30 No noncompliance noted Major areas inspected, QA/QC program, implementing procedures, work observation & review/evaluation of nondestructive examinations data & repts  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch WARD, K D Region 3, Chicago, Office of the Director 80/02/14 7pp

8003120352 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260473 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260825 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260299 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250080 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260245 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## R Periodic operating reports &amp; related correspondence

8003280268 Forwards Bechtel nonconformance repts & logs, Bechtel QA requests, B&W repts of nonconformity, B&W inservice insp NCRs, CPC nonconformance repts, audit finding repts & corrective action repts for Feb 1980  
HOWELL, S H Consumers Power Co 80/03/25 600pp

## S Reportable occurrences, LERs &amp; related correspondence

8003040243 Interim deficiency rept re pressurizer heater sys Plan for qualification of heaters & connector assemblies to satisfy IEEE stds requirements has been received from qualification lab Testing will be complete by first quarter of 1981  
HOWELL, S H Consumers Power Co 80/01/29 2pp

8003030311 Forwards final deficiency rept re incorrect Copes-Vulcan valve weight  
MILLS, L M Tennessee Valley Authority 80/02/11 1p

--8003030315 Final deficiency rept re incorrect Copes-Vulcan valve weight Rerun of piping sys load analyses indicates that existing supports adequate to absorb new loads  
\* Tennessee Valley Authority 80/02/11 1p

8003040042 Ack receipt of 791221 final deficiency rept re drop in anchors NRC review will be completed during future insp  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/11 1p

8003040048 Ack receipt of util 791221 final deficiency rept re reactor spray piping supports NRC review will be completed during future insp  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/11 1p

8003030324 Forwards revised final deficiency rept re piping embedded in structural concrete  
MILLS, L M Tennessee Valley Authority 80/02/12 1p

--8003030328 Revised final deficiency rept re piping embedded in structural concrete Evaluation indicates that structural capacities would not be impaired by embedded pipes having been subjected to pressure greater than 200 psi  
\* Tennessee Valley Authority 80/02/12 2pp

8003040053 Ack receipt of 800129 interim deficiency rept re pressurizer heater sys NRC review will be conducted upon receipt of util final rept  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

8003070021 Ack receipt of 800207 final deficiency rept re settlement of diesel generator foundation & bldg Followup review will be conducted by Region 3 Reactor Const & Engineering Support Branch as well as by Ofc of Nuclear Reactor Regulation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/25 1p

# DOCKETED ITEMS

179

8003190076 Ack receipt of 800207 interim deficiency rept re containment structures' coatings Final rept to be reviewed on receipt  
FIGURELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/26 1p

8003190080 Ack receipt of 800208 interim deficiency rept re small break/reactor coolant pump operation interaction Final rept to be reviewed on receipt  
FIGURELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/26 1p

8003040490 Forwards interim deficiency rept re seismic & environ component qualifications Only Forboro Model E10 transmitters were unable to meet qualification requirements  
HOWELL, S A Consumers Power Co 80/02/29 2pp

--8003040496 Interim deficiency rept re seismic & environ component qualifications Only Forboro E10 transmitters were unable to meet qualification requirements "Qualification Test Status Rept." Revision 11 encl  
\* Bechtel Associates Professional Corp 80/02/01 57pp

8003070377 Forwards final deficiency rept re cracked disconnect links  
HOWELL, S H Consumers Power Co 80/03/03 2pp

--8003070379 Final deficiency rept re cracked disconnect links Caused by stress corrosion cracking Manufacturer & suppliers informed of deficiency links in Class IE circuits will be tested & terminal blocks will be sent to Sandia by 800305  
\* Consumers Power Co 80/02/29 4pp

8003070387 Final deficiency rept re discrepant terminal block disconnect links discovered during check of non-Class IE startup transformer DX03A Caused by stress corrosion cracking Insp plan developed Search of records initiated  
HOWELL, S H Consumers Power Co 80/03/03 6pp

8003070395 Interim deficiency rept giving status of corrective action re broken anchor bolts in Unit 1 reactor vessel support skirt flange Next rept will be sent by 800501 Bechtel interim rept encl  
HOWELL, S H Consumers Power Co 80/03/03 6pp

--8003070397 "Investigation of Preservice Failure of Midland Reactor Pressure Vessel Anchor Studs," prepared for Bechtel  
\* Teledyne Engineering Services 80/01/25 69pp

## DOCKET 50 331 DUANE ARNOLD ENERGY CENTER

### F Security, medical, emergency & fire protection plans

8003140241 Forwards request for addl info re safeguards contingency plan Response due within 60 days Encl withheld (ref 10CFR2 790)  
IPPOLITO, T A Operating Reactors Branch 3 (Pre 790625) 80/02/20 2pp

8003140244 Requests review of fire protection program for conformance w/guidelines contained in "Nuclear Plant Fire Protection Functional Responsibilities, Administrative Controls & QA" forwarded 7/0808 Response due 800315  
IPPOLITO, T A Operating Reactors Branch 3 (Pre 790625) 80/02/20 2pp

8003170294 Forwards fire protection review, Item 3 2 & re diesel generator air intake  
HALL, R E Brookhaven National Laboratory 80/03/06 2pp

8003180507 Responds to NRC 800220 ltr re guidelines on fire protection administrative controls & confirms telcons concerning fire protection mods Guidelines will be met in accordance w/license amend SER schedule & mods completed by 800601  
ROOT, L D Iowa Electric Light & Power Co 80/03/07 2pp

8003180492 Forwards input for Items 3 2 4, 3 1 13 & 3 1 5 of fire protection review re control room fire hazards, portable smoke venting equipment & hose carts, respectively  
HALL, R E Brookhaven National Laboratory 80/03/12 4pp

8003250526 Forwards input to Item 3 2 & of fire protection review Recommends acceptance of util proposal to separate emergency diesel generator air intakes  
MACDOUGALL, E A Brookhaven National Laboratory 80/03/18 3pp

### G Adjudicatory correspondence

8003140089 Denies 790409 petition to suspend OL Amend 46, Mark I containment short-term program, pending issuance of EIS  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/13 2pp

--8003140093 Director's decision under 10CFR2 206 denying Citizens United for Responsible Energy, Community Action Research Group & IA PIRG 790409 petition to suspend Amend 46 to License DPR-49 pending EIS  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/13 10pp

--8003140096 Notice of issuance of director's decision under 10CFR2 206 denying 790409 petition to suspend Amend 46 to License DPR-49 pending EIS  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/13 2pp

8003170011 Order granting extension until 800328 for Commission to elect whether to review director's 800213 decision denying petition re Mark I containment per 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 80/03/04 1p

### P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060432 Forwards Amend 56 to License DPR-49, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

--8003060438 Amend 56 to license DPR-49, revising Tech Specs for thermal & resurification limitations on RCS  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 11pp

--8003060442 Safety evaluation supporting Amend 56 to License DPR-49  
\* Office of Nuclear Reactor Regulation 80/02/13 3pp

--8003060450 Notice of issuance & availability of amend 54 to License DPR-49  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 2pp

8003110438 Forward Amends 57 to License DPR-49, safety evaluation & notice of issuance & availability  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 2pp

--8003110443 Amend 57 to License DPR-49, allowing count rate in source range monitor channels to drop below three counts per second when entire reactor core is being removed or replaced  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 6pp

--8003110444 Safety evaluation supporting Amend 57 to License DPR-49  
\* Office of Nuclear Reactor Regulation 80/02/15 5pp

--8003110450 Notice of issuance & availability of Amend 57 to License DPR-49  
IPPOLITO, T A Operating Reactors Branch 3 80/02/15 2pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCARD, R Operating Reactors Branch 1 80/03/03 16pp

8003070233 Forwards proposed change to Tech Spec, Section 3 7, revising drywell to suppression pool differential pressure, submitted as amend to License DPR-49 Fee encl  
ROOT, L D Iowa Electric Light & Power Co 80/03/04 2pp

--8003070239 Proposed change to Tech Spec, Section 3 7, revising drywell to suppression pool differential pressure  
\* Iowa Electric Light & Power Co, 80/03/04 2pp

8003120472 Forwards primary coolant piping layout drawings, in response to 800229 telcon re compliance w/NUREG-0578 Drawings available in Central Files only  
SALMON, R Iowa Electric Light & Power Co 80/03/06 1p

## DOCKETED ITEMS

8003260002 Responds to 790829 submittal of proposed Tech Specs re radiological effluent & environ monitoring sys Comments & marked-copy of NUREG-0473 re deficiencies encl Requests submittal of revision & process control program  
IPPOLITO, T A Operating Reactors Branch 3 80/03/07 98pp

8003250199 Forwards NRC 800301 "Evaluation of Licensee Compliance w/Category A Items of NRC Recommendations Resulting from TMI-2 Lessons Learned " Requirements will have been satisfactorily met by end of current refueling outage  
IPPOLITO, T A Operating Reactors Branch 3 80/03/10 14pp

8003190527 Responds to NRC 791213 ltr re losses of offsite power events Review of records indicates facility experienced no planned partial or complete losses of offsite power since completion of const  
ROOT, L D Iowa Electric Light & Power Co 80/03/14 1p

8003240449 Forwards revised amend application for License DPR-49 & proposed Tech Specs per 770830 submittal Mods are being made in response to NRC questions  
ROOT, L D Iowa Electric Light & Power Co 80/03/18 2pp

--8003240454 Revised amend application for License DPR-49 per 770830 submittal re surveillance requirements for frequency of functional testing  
\* Iowa Electric Light & Power Co 80/03/18 3pp

--8003240457 Revised proposed Tech Specs for Pages 3 2-13-16, 3 2-25 & 26 & 3 B-1 & 2 & 3 B-11 & 12 re functional testing  
\* Iowa Electric Light & Power Co 80/03/18 10pp.

8003280451 Discusses core spray sys & RHR valving arrangement, pressure monitoring & control features & periodic testing performed to ensure minimization of Event 5 type accident No plant procedure revisions or equipment mods warranted  
ROOT, L D Iowa Electric Light & Power Co 80/03/19 3pp

#### G Inspection reports, IF Bulletins & correspondence

8003140465 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190028 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120180 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140225 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110125 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190348 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110182 Forwards corrected IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break w/Continued Feedwater Addition " No written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003040312 Ack receipt of 800129 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-331/79-23.  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/16 1p.

--8003040322 Responds to NRC 800107 ltr re violations noted in IE Insp Rept 50-331/79-23 Corrective actions development of safety evaluation by 800301 & safety-related list drafted & in review process.  
ROOT, L. D. Iowa Electric Light & Power Co. 80/01/29 7pp.

8003040350 Ack receipt of 800131 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-331/79-32  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/22 1p

--8003040357 Responds to NRC 800109 ltr re violations noted in IE Insp Rept 50-331/79-32 Corrective actions recirculation pump trip breakers moved to recirculation sys M-O set room Switchgear returned to warehouse  
ROOT, L D Iowa Electric Light & Power Co 80/01/31 2pp

8003120488 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003260247 Forwards responses to IE Bulletin 79-27, Items 1-3 No equipment mods necessary Control & instrumentation power not derived same as AK Nuclear 1 & 2 Will not impose new administrative controls beyond those specified in Tech Spec  
ROOT, L D Iowa Electric Light & Power Co 80/02/28 8pp

8003120368 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140329 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003200371 Forwards partial response to Item 1 of IE Bulletin 79-01B, including master list of all engineered safety feature sys w/components required to function under postulated accident conditions  
ROOT, L D Iowa Electric Light & Power Co 80/03/04 62pp

8003180242 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260185 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260069 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260498 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260419 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250106 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260251 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003040468 Forwards "Semiannual Operating Rept. Radioactive Effluent Releases, Jul-Dec 1979."  
MINECK, D L Iowa Electric Light & Power Co 80/02/21 1p

--8003040472 "Semiannual Operating Rept. Radioactive Effluent Releases, Jul-Dec 1979 "  
\* Iowa Electric Light & Power Co 80/02/21 7pp.

# DOCKETED ITEMS

181

8003040483 Forwards "Radioactive Effluent Releases." Semiannual Rept. Jul-Dec 1979 " MINECK, D L Iowa Electric Light & Power Co 80/02/21 1p

--8003040488 "Radioactive Effluent Releases Semiannual Operating Rept. Jul-Dec 1979 " \* Iowa Electric Light & Power Co 79/12/31 7pp

8003070315 Forwards "Annual Rept of Facility Changes, Tests & Experiments 1979 " MINECK, D L Iowa Electric Light & Power Co 80/02/29 1p

---8003070318 "Annual Rept of Facility Changes, Tests & Experiments 1979 " \* Iowa Electric Light & Power Co 79/12/31 16pp

8003180369 Forwards monthly operating rept for Feb 1980 MINECK, D L Iowa Electric Light & Power Co 80/03/14 1p

---8003180373 Monthly operating rept for Feb 1980 VANSICKEL, J Iowa Electric Light & Power Co 80/03/14 7pp

S Reportable occurrences, LCRs & related correspondence

8003260488 RO during local leak rate testing of MSIVs, three of four inboard MSIVs were discovered to have seat leakage in excess of Tech Specs All four MSIVs had combined packing & seat leakage in excess of Tech Specs MINECK, D L Iowa Electric Light & Power Co 80/02/14 1p

8003030473 Forwards Supplemental LER 79-040/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/02/22 1p

--8003030474 Supplemental LER 79-040/03L-0 on 791010, during surveillance testing, suppression chamber oxygen concentration found to be 4.3% Cause indeterminate Suppression chamber inerting begun & concentration reduced to Tech Spec limit \* Iowa Electric Light & Power Co 80/02/22 2pp

8003191002 PND-111-80-036 on 800226, two areas in protected area quarantined due to presence of *Hioplasmosis* bacteria indicated by analysis of pigeon feces Consultants from Inst of Preventive Medicine to visit site WRIGHT, O C Region 3, Chicago, Office of the Director 80/02/26 1p

8003090465 Forwards LER 80-003/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/02/27 1p

--8003050469 LER 80-003/03L-0 on 800128, during normal operation, small leak discovered on one-half inch nipple pipe fitting on HPCI pump seal supply line HPCI sys removed from svc Caused by need to replace leaking fitting ZIMMERMAN, J C Iowa Electric Light & Power Co 80/02/27 1p

8003040527 Forwards LER 80-004/01T-0 MINECK, D L Iowa Electric Light & Power Co 80/02/28 1p

--8003040537 LER 80-004/01T-0 on 800214, during scheduled leak rate testing, MSIVs 4412, 4413, 4416, 4418, 4419, 4420 & 4421 found w/seat leakage on inboard & combined seat & stem leakage on outboard valves exceeding Tech Spec Cause indeterminate ZIMMERMAN, J C Iowa Electric Light & Power Co 80/02/28 2pp

8003120527 Forwards LER 80-005/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/03/06 1p

--8003120531 LER 80-005/03L-0 on 800205, during reactor core isolation cooling sys pump & operability test, condensate pump 1P-22B would not pump down barometric condenser & pump space heaters tripped Caused by defective contactor coil TOOKER, D W Iowa Electric Light & Power Co 80/03/06 2pp

8003130661 RO on 800306, during HPCI pump insp, section of split ring found lodged in main group impeller, creating potential for HPCI sys to become inoperable Preparations underway to locate split ring section Vendor being consulted for repair MINECK, D L Iowa Electric Light & Power Co 80/03/06 1p

8003260303 PNB-111-80-004 on 800304, contractor watchperson was arrested at site while on duty Woman was charged w/possession of controlled drug w/o prescription & possession w/intent to deliver Arrest followed police raid at home of guard DONAHUE, J F Region 3, Chicago, Office of the Director 80/03/06 1p

8003180625 RO on 800310, during surveillance testing of main steam relief valves, three valves had setpoints outside Tech Spec limits Cause not stated Corrective action & retesting in progress MINECK, D L Iowa Electric Light & Power Co 80/03/10 1p

8003170491 Forwards updated LER 80-004/01T-1 MINECK, D L Iowa Electric Light & Power Co 80/03/11 1p

--8003170495 Updated LER 80-004/01T-1 on 800214, during scheduled leak rate testing, MSIVs 4412, 4413, 4416 & 4421 found w/leakage in excess of Tech Specs Caused by lantern ring & junk ring interference VAN SICKEL, J Iowa Electric Light & Power Co 80/03/11 2pp

8003180517 Forwards LER 80-006/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/03/12 1p

---8003180522 LER 80-006/03L-0 on 800211, during surveillance testing, pressure switch PS-4555 trip setpoint found out of tolerance at 898 psig Caused by instrument drift Instrument promptly recalibr & functionally tested TOOKER, D W Iowa Electric Light & Power Co 80/03/12 1p

8003200245 RO 80-2 on 800305, power was secured to reactor bldg vent sample sys for scheduled electrical testing as part of refueling outage Power not restored to sample pumps until 800306 Caused by operator not manually restarting pumps MINECK, D L Iowa Electric Light & Power Co 80/03/14 2pp

8003200387 Forwards LER 80-008/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/03/14 1p

--8003200391 LER 80-008/03L-0 on 800216, during surveillance testing, core spray sparger to reactor vessel delta pressure PD15-2139 trip setpoint found out of tolerance Redundant channel switch found to be in tolerance Caused by instrument drift TOOKER, D W Iowa Electric Light & Power Co 80/03/14 1p

8003200394 Forwards LER 80-007/03L-0 MINECK, D L Iowa Electric Light & Power Co 80/03/14 1p

--8003200396 LER 80-007/03L-0 on 800213, during surveillance testing, containment spray permissive switches PS-4310C, PS-4311C & PS-4312C trip setpoints found out of tolerance Caused by instrument drift Setpoints recalibr TOOKER, D W Iowa Electric Light & Power Co 80/03/14 2pp

8003240488 Forwards LER 80-009/01T-0 MINECK, D L Iowa Electric Light & Power Co 80/03/18 1p

--8003240493 LER 80-009/01T-0 on 800304, during refueling outage insp of HPCI pump, section of split ring found lodged in impeller Split ring piece found to be from HPCI booster pump 1P-216 Caused by improper split ring retention device TOOKER, D W Iowa Electric Light & Power Co 80/03/18 3pp

8003250530 RO during annual surveillance insp, lower thrust bearing on standby diesel generator 10-21 found slightly wiped on journal surface Cause not stated Bearing replaced Vendor investigation underway MINECK, D L Iowa Electric Light & Power Co 80/03/18 1p

8003250556 RO during annual surveillance insp, lower thrust bearing on standby diesel generator 10-31 found wiped on journal & thrust surfaces Cause not stated Bearing replaced Vendor investigation underway KEPLER, J G Iowa Electric Light & Power Co 80/03/18 1p

8003270378 Environ Tech Spec Violation Rept 80-3 on 800312, contaminated water released into Cedar River Caused by leakage of two condenser tubes into circulating water sys Procedures will be modified to isolate condenser when necessary MINECK, D L Iowa Electric Light & Power Co 80/03/21 3pp

8003310291 Forwards LER 80-010/01T-0 MINECK, D L Iowa Electric Light & Power Co 80/03/24 1p

--8003310294 LER 80-010/01T-0 on 800310, during surveillance testing, three relief valves found w/setpoints outside Tech Specs Cause unknown Dirt & moisture on valve seats were contributing factors Pilot assemblies cleaned, reworked & retested. TOOKER, D W Iowa Electric Light & Power Co 80/03/24 3pp



## DOCKETED ITEMS

## DOCKET 50-332 BARNWELL REPROCESSING PLANT

## G Inspection reports, IE Bulletins &amp; correspondence

8003310265 Forwards IE Insp Rept 50-332/80-01 on 800121-23 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/06 1p

--8003310266 IE Insp Rept 50-332/80-01 on 800121-23 No noncompliance noted Major areas inspected organization, operator training & followup on IE Bulletin 79-19  
KAHLE, J B Region 2, Atlanta, Safeguards Branch CORYELL, G P Region 2, Atlanta, Office of the Director 80/02/05 4pp

8003250478 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

## DOCKET 50-333 JAMES A. FITZPATRICK NUCLEAR POWER PLANT

## F Security, medical, emergency &amp; fire protection plans

8003050493 Responds to NRC 791602 ltr requesting acceptance of radiation safety course by Oak Ridge Associated Univs to NRC for certified entry into restricted areas of facilities  
Agrees to 2-h abbreviated version of util training course  
EARLY, P J Power Authority of the State of New York 80/02/27 2pp

8003060584 Responds to 800116 ltr concerning addl info requested re safeguards contingency plan util cannot meet deadline  
Requests extension until 800505  
EARLY, P J Power Authority of the State of New York 80/02/28 1p

## H General correspondence

8003060141 Requests response re util plans for providing ofc space for resident NRC personnel First resident will assume duty station by 800430 All resident inspectors will be onsite by 800607  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/18 1p

## J Insurance &amp; indemnity information

8003050346 Forwards Endorsement 3 to NELA Policy EB-47 & MAULU Binder XB-47  
DEEO, F H Power Authority of the State of New York 80/02/27 3pp

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0430, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003130228 Submits application to amend licenses adding Optaviken Angteknik AB as addl intermediate consignee  
DAHLSTROM, C G Westinghouse Electric Corp 80/02/13 1p

8003190013 Requests that Class III fee be forwarded promptly Application std 800202 reviewed & denial documented in 800208 ltr  
MILLER, M D License Fee Management Branch 80/02/27 1p

8003070356 Responds to NRC "Interim Position for Containment Purge & Vent Valve Operation Pending Resolution of Isolation Valve Operability" Resetting of any isolation signal to containment vent sys will not reset other isolation signals  
EARLY, P J Power Authority of the State of New York 80/02/29 3pp

8003110019 Forwards application to amend OL Includes proposed Tech Spec changes for Cycle 4 operation & supporting rept NEDO-24242, "Supplemental Reload Licensing Submittal for Reload 3" Class III fee submitted under protest  
SCHNIEDER, J R Power Authority of the State of New York 80/03/04, 2pp

--8003110022 Application to amend license DPR-59, changing Tech Specs re Reload 3 licensing & Cycle 4 operation  
SCHNIEDER, J R Power Authority of the State of New York 80/03/03 1p

--8003110030 Proposed Tech Spec changes re Reload 3 licensing & Cycle 4 operation Safety evaluation encl  
\* Power Authority of the State of New York 80/03/03 25pp

--8003110034 "Supplemental Reload Licensing Submittal for Reload 3," prepared for facility OL amend request  
HENRIKSON, P H, ENGEL, R E General Electric Co NEDO-24242 80/02/29 32pp

8003240618 Forwards request for addl info re util application to expand spent fuel storage capacity Includes info re situation where all fuel pool cooling is lost for more than 24-h & water in spent fuel pool starts to boil  
IPPOLITO, T A Operating Reactors Branch 3 80/03/07 3pp

8003270434 Forwards drawings & addl info re containment purge & vent sys Requests meeting before 800415 to discuss sys design philosophy & vendor analyses of valve closure capabilities  
Drawings available in Central Files only  
EARLY, P J Power Authority of the State of New York 80/03/19 11pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003060681 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003040378 Responds to IE Bulletin 80-01, "Operability of Automatic Depressurization Sys Valve Pneumatic Supply" Automatic depressurization sys operates as specified in FSAR No impact on sys operability would result from seismic event  
LEONARD, J D Power Authority of the State of New York 80/01/18 2pp

8003060529 Updates response to IE Bulletin 79-02 re insp & repair of pipe supports & anchors Initial insp of baseplates & anchors will be complete by 800331 Base flexibility analysis will be complete by end of 1980  
LEONARD, J D Power Authority of the State of New York 80/01/19 2pp

8003190906 Forwards IE Insp Rept 50-333/79-17 on 791211-14 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--8003190912 IE Insp Rept 50-333/79-17 on 791211-14 No noncompliance noted Major areas inspected operations, LERS, personnel qualifications, IE bulletin & circular responses & action on previous insp repts Details withheld (ref IOCFR2 790)  
STETKA, T F Region 1, Philadelphia, Office of the Director COWILL, C J NRC Regional Offices KISTER, H B Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/17 11pp

8003130067 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environmental Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003140108 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120541 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003140385 Forwards supplemental info to IE Bulletin 79-01B, "Environmental Qualification of Class IE Equipment" Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003180291 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards" No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

# DOCKETED ITEMS

183

B003180048 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003190271 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003260330 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

B003260441 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

B003260152 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

B003260340 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

B003260053 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## R Periodic operating reports & related correspondence

B003070364 Forwards "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 " Meteorological data is included  
LEONARD, J D Power Authority of the State of New York 80/02/21 1p

--B003070365 "Effluent & Waste Disposal Semiannual Rept, Jul-Dec 1979 " \* Power Authority of the State of New York 79/12/31 82pp

B003110508 Forwards monthly operating rept for Feb 1980  
LEONARD, J D Power Authority of the State of New York 80/03/06 1p

--B003110511 Monthly operating rept for Feb 1980  
ZUFELT, E Power Authority of the State of New York 80/03/06 12pp

## S Reportable occurrences, LERs & related correspondence

B003110040 Forwards LER 80-020/04L-0  
LEONARD, J D Power Authority of the State of New York 80/02/05 1p

--B003110046 LER 80-020/04L-0 on B00203, during routine shutdown & cooldown operations, plant stack gas monitoring sys was inoperable due to freeze up of sample line Caused by cold weather & purge of humid containment atmosphere  
\* Power Authority of the State of New York 80/03/05 2pp

B003040502 Forwards LER 80-019/03L-0  
LEONARD, J D Power Authority of the State of New York 80/02/29 1p

--B003040510 LER 80-019/03L-0 on B00203, during normal operation, rod sequence control sys failed to come into svc at expected power level Caused by calibr procedure error Procedure corrected, instrument recalibr & returned to svc  
\* Power Authority of the State of New York 80/02/29 2pp

B003110640 Forwards LER 80-021/03L-0  
LEONARD, J D Power Authority of the State of New York 80/03/06 1p

--B003110642 LER 80-021/03L-0 on B00207, during normal shutdown operations intermediate range monitor B was made inoperable to repair signal cable connector Reactor protections sys B placed in tripped condition Caused by normal wear  
\* Power Authority of the State of New York 80/03/06 2pp

B003110645 Forwards LER 80-022/03L-0  
LEONARD, J D Power Authority of the State of New York 80/03/07 1p

--B003110646 LER 80-022/03L-0 on B00208, during normal startup operations, drywell atmosphere monitor A was made inoperable while B was out of svc resulting in operation in degraded mode Caused by need to investigate noise from sample pump  
\* Power Authority of the State of New York 80/03/07 2pp

B00317013/ Corrects transmittal ltr for LER 80-020/04L-0 Date should be changed from B00205 to B00305  
LEONARD, J D Power Authority of the State of New York 80/03/07 1p

B003170322 Advises that date on transmittal ltr for LER 80-020/04L-0 should be B00305, instead of B00205  
LEONARD, J D Power Authority of the State of New York 80/03/07 1p

B003190539 Notifies of typographical error in transmittal ltr date re LER 80-020/04L-0 Ltr should have been dated B00305  
LEONARD, J D Power Authority of the State of New York 80/03/07 1p

B003170490 Forwards LER 80-023/03L-0  
LEONARD, J D Power Authority of the State of New York 80/03/11 1p

--B003170494 LER 80-023/03L-0 on B00211, during normal startup operations, water chemistry samples indicated chloride ion concentration in excess of Tech Specs Probably caused by sample contamination Second water cleanup filter placed in svc  
\* Power Authority of the State of New York 80/03/11 2pp

B003180572 Forwards LER 80-024/03L-0  
LEONARD, J D Power Authority of the State of New York 80/03/14 1p

--B003180580 LER 80-024/03L-0 on B00213, during normal operation, HPCI steam isolation valve closed due to spurious operation signal Caused by loose wire within thermocouple switch associated w/high area temp isolation logic wire fastened  
\* Power Authority of the State of New York 80/03/14 2pp

B003180592 Forwards LER 79-110/03X-1  
LEONARD, J D Power Authority of the State of New York 80/03/14 1p

--B003180597 LER 79-110/03X-1 on 791214, during normal operation, HPCI steam isolation valve closed due to spurious isolation signal Caused by loose wire in one thermocouple switch Retention of wire corrected problem  
\* Power Authority of the State of New York 80/03/14 2pp

B003210324 Forwards revised LER 79-018/03X-1  
\* LEONARD, J D Power Authority of the State of New York 80/03/20 1p.

--B003210330 Revised LER 79-018/03X-1 on 790320, while shut down, pipe crack at connection between flush line & RHR sys was found Lab examination indicated probable failure was Fatigue Mode made to prevent recurrence  
\* Power Authority of the State of New York 80/03/20 2pp

B003210334 Forwards revised LER 79-020/03X-1  
LEONARD, J D Power Authority of the State of New York 80/03/20 2pp

--B003210340 Revised LER 79-020/03X-1 on 790327, during normal cold shutdown, operations surveillance testing revealed that emergency diesel generator starting air compressor 93-AC-B1 did not load properly Caused by dirt in unloader  
\* Power Authority of the State of New York 80/03/20 1p

B003210440 Forwards revised LER 79-023/99X-1  
LEONARD, J D Power Authority of the State of New York 80/03/20 1p

## DOCKETED ITEMS

--8003210452 Revised LER 79-023/99X-1 on 790411, fire protection piping associated w/HPCI maint intentionally to permit required HPCI maint Partial disassembly of fire protection piping required Following maint, piping restored  
CHILDS, W V Power Authority of the State of New York 80/03/20 2pp

8003240452 Forwards revised LER 79-024/03X-1  
LEONARD, J D Power Authority of the State of New York 80/03/20 1p

--8003240458 Revised LER 79-024/03X-1 on 790428, emergency svc water pump failed to meet shutoff head requirements of Tech Spec  
Caused by normal wear Overhaul & minor mod of impeller by manufacturer restored shutoff head to within Tech Specs  
CHILDS, W V Power Authority of the State of New York 80/03/20 2pp

## DOCKET 50-334 BEAVER VALLEY POWER STATION, UNIT 1

## F Security, medical, emergency &amp; fire protection plans

8003180104 Ack receipt of 790913 revisions to safeguards contingency plan Forwards request for add'l info to be answered within 30 days Encl withheld (ref 10CFR2 790)  
SCHWENCER, A Operating Reactors Branch 1 80/02/04 2pp

8003120509 Forwards draft emergency preparedness plan for facility Final draft incorporating all items from NUREG-0654, will be forwarded by 800401 Requests relief from requirement to conduct drill under existing plan until Jul 1980  
DUNN, C N Duquesne Light Co 80/03/05 1p

--8003120513 Draft emergency preparedness plan for facility  
\* Duquesne Light Co 80/03/10 150pp

8003270318 Forwards revised physical security plan, Chapter B Encl withheld (ref 10CFR2 790)  
DUNN, C N Duquesne Light Co 80/03/22 1p

## P Operating license stage documents &amp; correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POMERS, D A Core Performance Branch 79/11/30 106pp

8003060421 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003070163 Forwards Amend 24 to License DPR-66, safety evaluation & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/01/25 3pp

--8003070167 Amend 24 to License DPR-66, deleting license condition re steam generator water rise rate & approving use of quarter core flux maps for calibr of excore neutron flux detection sys  
SCHWENCER, A Operating Reactors Branch 1 80/01/25 4pp

--8003070173 Safety evaluation supporting Amend 24 to License DPR-66  
\* Office of Nuclear Reactor Regulation 80/01/25 3pp

--8003070179 Notice of issuance & availability of Amend 24 to License DPR-66  
SCHWENCER, A Operating Reactors Branch 1 80/01/25 2pp

8003130020 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003280582 Forwards Amend 25 to License DPR-66, EIA & notice of issuance & availability  
SCHWENCER, A Operating Reactors Branch 1 80/02/26 3pp

--8003280589 Amend 25 to License DPR-66, eliminating requirements for all aquatic monitoring programs w/exception of fish impingement  
SCHWENCER, A Operating Reactors Branch 1 80/02/26 13pp

--8003280592 EIA supporting Amend 25 to License DPR-66  
\* Office of Nuclear Reactor Regulation 80/02/26 20pp

--8003280599 Notice of issuance & availability of Amend 25 to License DPR-66  
SCHWENCER, A Operating Reactors Branch 1 80/02/26 2pp

8003030494 Forwards revision to Sept 1979, "Analysis & Sys Mod for Recirculation Spray & Low Head Safety Injection Pumps NPSH"  
& revised Tech Specs re chemical addition sys  
WOOLEVER, E J Duquesne Light Co 80/02/27 2pp

--8003030499 "Sys Mods for Chemical Addition Quench Spray Sys," revising Sept 1979 rept  
\* Duquesne Light Co 80/01/31 11pp

8003030504 Proposed Pages 6-15 & 16 to Tech Specs changes for chemical addition sys  
\* Duquesne Light Co 80/01/31 3pp

8003050510 Submits present status of each NUREG-0578 item covering emergency power supply, containment isolation & auxiliary feedwater flow  
DUNN, C N Duquesne Light Co 80/02/29 10pp

8003200021 Notification of 800307 meeting w/util in Bethesda, MD to discuss Lessons Learned Task Force implementation  
WIGGINTON, D Operating Reactors Branch 1 80/03/04 2pp

8003200409 Responds to NRC 800223 ltr re LWR primary coolant sys pressure isolation valves All plant sys have been reviewed to determine existence of Event V valve configuration Only safety injection sys fits NRC configuration description  
DUNN, C N Duquesne Light Co 80/03/17 4pp

8003250289 Forwards responses to NRC 800225 request for info re turbine disc integrity in operating Westinghouse nuclear low pressure turbines Nonproprietary App B & application for withholding encl  
DUNN, C N Duquesne Light Co 80/03/18 17pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060558 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general o/c, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003130080 Forwards 1F Insp Rept 50-334/79-30 on 791127-1208 Notices of violation previously transmitted  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/23 2pp

--8003130085 1E Insp Rept 50-334/79-30 on 791127-1208 Noncompliance noted both independent ECCS subsys inoperable  
MCCABE, E C Region 1, Philadelphia, Reactor Operations Nuclear Support Branch BECKMAN, D A Region 1, Philadelphia, Office of the Director 80/01/08 8pp

8003130055 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01D, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003200489 Ack receipt of 791205 ltr informing NRC of steps taken to correct violations noted in Enforcement Conference 50-334/79-21  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/04 2pp

--8003200494 Responds to NRC 791101 ltr re Enforcement Conference 50-334/79-21 QA audit of design change work scheduled for Feb 1980, during current shutdown  
DUNN, C N Duquesne Light Co 79/12/05 24pp

--8003200500 Forwards rept of Enforcement Conference 50-334/79-21 on 790923  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/01 2pp

# DOCKETED ITEMS

185

- 8003200505 Rept of Enforcement Conference 80-334/79-21 on 790925 to discuss NRC concerns for preventive enforcement in areas of design control program & mgt controls Licensee committed to improve all areas  
BECKMAN, D A Region 1, Philadelphia, Office of the Director  
KEIMIG, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/10/19 6pp
- 8003250378 Forwards 1979 insp repts re Beaver Valley & TMI-1 & related correspondence Repts conclude that facilities were in compliance w/NRC safety requirements Items of noncompliance at Beaver Valley were not safety concern  
AHEARNE, J F Commission 80/02/14 2pp
- 8003140479 Forwards IE Info Notice 79-37 "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine discs cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp
- 8003140090 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p
- 8003060465 Forwards 800129 ltr re delayed submittal of revised inservice testing program  
DUNN, C N Duquesne Light Co 80/02/28 1p
- 8003120451 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p
- 8003140362 Forwards supplemental info to IE Bulletin 79-010, "Environ Qualification of Class 1E Equipment " Response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp
- 8003190082 Ack receipt of 791224 & 800110 ltrs informing NRC of corrective & preventive actions documented & discussed at 800122 meeting Ack receipt of 791205 ltr forwarding \$5,000 civil penalty payment  
STELLID, V Office of Inspection & Enforcement, Office of the Director 80/02/29 1p
- 8003280293 Ack receipt of 800207 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 80-334/79-29  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/03 1p
- 8003280261 Responds to NRC 800117 ltr re violations noted in IE Insp Rept 80-334/79-29 Corrective actions procedures to be reviewed to determine need for hydraulic fluid temp data or to devise better method for determining temp  
DUNN, C N Duquesne Light Co 80/02/07 3pp
- 8003280265 Advises that insp rept number in EJ Brunner 800117 ltr was erroneous Rept number should be 80-334/79-29 Corrected 800131 ltr provided to replace 800117 ltr  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/31 1p
- 8003280269 Forwards IE Insp Rept 80-334/79-29 on 791212-14 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/31 2pp
- 8003280273 Notice of violation from insp on 791212-14  
\* Region 1, Philadelphia, Office of the Director 80/01/30 1p
- 8003280279 IE Insp Rept 80-334/79-29 on 791212-14 Noncompliance noted failure to follow approved procedures of recording hydraulic fluid temp on proper form during snubber functional testing  
CARPHTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch  
RCKITD, W A, FOLEY, T Region 1, Philadelphia, Office of the Director 80/01/30 7pp
- 8003180276 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p
- 8003180033 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p
- 8003190246 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p
- 8003260246 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p
- 8003260386 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p
- 8003260121 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p
- 8003250304 Forwards IE Info Notice 80-11, "Generic Problems w/ASCD Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p
- 8003260026 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p
- 8003260582 Inservice insp program for 20-month period beginning 800130  
DUNN, C N Duquesne Light Co 80/03/17 175pp
- R Periodic operating reports & related correspondence
- 8003060577 Forwards NPDES monthly repts for Jan 1980  
HODRE, G W Duquesne Light Co 80/02/28 2pp
- 8003060581 NPDES monthly repts for Jan 1980  
\* Duquesne Light Co 80/01/31 12pp
- 8003170275 Forwards "Effluent & Waste Disposal Semiannual Rept for Second Six Months of 1979 " Dose estimate will be forwarded within 30 days  
DUNN, C N Duquesne Light Co 80/03/12 1p
- 8003170279 "Effluent & Waste Disposal Semiannual Rept for Second Six Months of 1979 "  
\* Duquesne Light Co 80/03/12 52pp
- 8003310324 Forwards "1979 Annual Environ Rept, Nonradiological, Vol 1 "  
DUNN, C N Duquesne Light Co 80/03/25 1p
- 8003310327 "1979 Annual Environ Rept, Nonradiological, Vol 1 "  
\* Duquesne Light Co 80/03/25 160pp
- S Reportable occurrences, LERs & related correspondence
- 8003050167 HQ 80-3/01P on 800124, problem re overstress condition during postulated seismic event confirmed Problem concerns Pipe Support H-95 on component cooling water sys Line CC-323 Support will be altered to three-way restraint  
WERLING, J A Duquesne Light Co 80/01/24 1p
- 8003120669 RO 80-7/01P on 800221, supplementary leak collection & release sys discovered not linked to main filter banks Caused by inadequate procedures Operating surveillance test procedures revised  
WERLING, J A Duquesne Light Co 80/02/22 2pp
- 8003030451 RO 80-08/01P on 800225, NRC was informed that potential overstress exists in floor beams of cable spreading room Cable trays & conduits are attached to underside of cable spreading floor Beams can withstand earthquakes  
WERLING, J A Duquesne Light Co 80/02/25 2pp
- 8003250464 RD 80-08/01P on 800225, during review of cable tray & conduit configuration, potential overstress in cable spreading floor beams discovered. Caused by horizontal acceleration of tray & conduit supports Floor support sys satisfactory  
WERLING, J A Duquesne Light Co 80/02/25 2pp

## DOCKETED ITEMS

8003050474 Forwards LER 80-009/03L-0  
WERLING, J A Duquesne Light Co 80/02/29 2pp

--8003050480 LER 80-009/03L-0 on 800201, loss of power occurred on 138 kV bus 1 Emergency diesel generator 1 auto-started on loss of offsite power to 4160-volt 1A station svc transformer Caused by faulty backup relay timer  
WERLING, J A Duquesne Light Co 80/02/29 4pp

8003110630 Forwards revised LERs 80-004/03L-1 & 80-005/03L-1 & LERs 80-007/01T-0, 80-008/01T-0, 80-010/03L-0 & 80-011/03L-0  
WERLING, J A Duquesne Light Co 80/03/04 2pp

--8003110632 Revised 80-004/03L-1 on 800123, during routine Tech Spec review, radiation monitor setpoints found less conservative than mode 6 requirements Caused by personnel error Change added to mode 6 checklist  
WERLING, J A Duquesne Light Co 80/03/04 2pp

--8003110634 Revised LER 80-005/03L-1 on 800112, during decontamination, waste water tank SW-TK-1 was filled & operator asked to do valving Failure to observe Tech Spec re valving in hot spots resulted in contamination of auxiliary bldg  
WERLING, J A Duquesne Light Co 80/03/04 2pp

--8003110636 LER 80-007/01T-0 on 800121, during reload after defueling, main filter banks found not in svc Caused by procedural inadequacy because none of defueling checklists indicated Tech Spec change that required rig  
WERLING, J A Duquesne Light Co 80/03/04 2pp

--8003110639 Forwards LER 80-008/01T-0  
WERLING, J A Duquesne Light Co 80/02/25 2pp

--8003110641 LER 80-008/01T-0 on 800225, review conducted of as-built configuration of cable trays & conduits attached to underside of cable lateral earthquake components Potential overstress condition found Cause unknown  
WERLING, J A Duquesne Light Co 80/03/04 2pp

--8003110643 LER 80-010/03L-0 on 800131, refueling team was given go ahead for core alterations Fifteen minutes later, anservice boric acid transfer pump CH-P-2B tripped on thermal overload Probably caused by faulty blender controls shifting speed  
WERLING, J A Duquesne Light Co 80/03/04 1p

--8003110647 LER 80-011/03L-0 on 800226, during boron injection flow path verification, operator stroked MOV-SI-B69A connecting charge sys fill header to RCS hot leg piping Valve opened & line starter tripped Caused by burnt motor in MOV-SI-B69A  
WERLING, J A Duquesne Light Co 80/03/04 2pp

8003110651 RO on 800226 fire pump removed from svc due to suspicion of water in pump oil Cause unstated Oil cooler checked & hydroed satisfactorily Motor bearing will be replaced & returned to svc  
WERLING, J A Duquesne Light Co 80/03/05 2pp

8003120593 RO on 800226, during shutdown of motor-driven fire pump FP-P-1, upper bearing found to be extremely hot Cause being investigated Motor bearing will be replaced & fire pump will be returned to svc  
WERLING, J A Duquesne Light Co 80/03/05 2pp

8003170271 Special Rept 80-01/SP on 800226, operator shut down motor driven fire pump FP-P-1 Unusual odor emitted from FP-P-1 & upper bearing felt hot Oil had burnt appearance & odor Motor bearing replaced & returned  
WERLING, J A Duquesne Light Co 80/03/05 2pp

8003180632 RO 80-12/01T on 800312, during operations audit, Tech Spec Surveillance 4 3 3 5 found to be violated Required channel check not performed since Jul 1976 Requirement deleted due to meter reading of zero during normal operation  
WERLING, J A Duquesne Light Co 80/03/12 2pp

8003260620 Forwards LER 80-013/04T-0  
WERLING, J A Duquesne Light Co 80/03/20 2pp

--8003260624 LER 80-013/04T-0 on 800302, during maint surveillance, cooling tower blowdown temp indicator found out of calibr Caused by instrument drift Instrument recalibr  
WERLING, J A Duquesne Light Co 80/03/20 1p

8003270382 Forwards LERs 80-014/04T-0 & 80-015/04T-0  
WERLING, J A Duquesne Light Co 80/03/21 2pp

--8003270387 LER 80-014/04T-0 800307, during radiation monitor surveillance test, liquid waste effluent monitor did not alarm & discharge valve did not close Caused by loose relay & solder joints in wiring Deficiencies corrected  
WERLING, J A Duquesne Light Co 80/03/21 1p

--8003270391 LER 80-015/04T-0 800308, during radiation monitor surveillance test, component cooling water radiation monitor high-high level alarm did not function Caused by alarm potentiometer out of adjustment  
WERLING, J A Duquesne Light Co 80/03/21 1p

DOCKET 80-335 ST LUCIE PLANT, UNIT 1  
-----  
F Security, medical, emergency & fire protection plans  
-----

8003170250 Forwards J Townley 790927 ltr re amount of hose at hose houses & inadequacy of breathing air sys Concur w/comments  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/05 3pp

8003180031 Discusses NRC 790817 safety evaluation of fire protection program Forwards summary of status of open issues, evaluations of design descriptions for three mods & resolution of 8 of 10 open issues  
LAINAS, G Plant Systems Branch 80/02/04 26pp

--8003180040 "Bare Shutdown Capability"  
\* Plant Systems Branch 80/02/04 7pp

8003110638 Forwards add info re selected items in 790817 fire protection program safety evaluation  
UHRIG, R E Florida Power & Light Co 80/03/06 14pp

8003210402 Responds to NRC 791129 ltr re evacuation time estimates Final repts will be submitted by 800430  
UHRIG, R E Florida Power & Light Co 80/03/18 1p

G Adjudicatory correspondence  
-----

8003050132 Forwards NRC 800214 order modifying 800102 show cause order re implementation of Lessons Learned Task Force Category A requirements Order extends shutdown to 800315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp

--8003050134 Order modifying NRC 800102 show cause order, delaying shutdown until 800315 refueling for implementation of Lessons Learned Task Force Category A requirements  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 3pp

8003190064 Forwards NRC 800207 & 22 ltrs & order modifying 800102 show cause order re request for notification of decision concerning electric sys reliability impacts associated w/ implementation of short-term lessons learned requirements  
YOUNGBLOOD, D J Division of Site Safety & Environmental Analysis 80/02/26 2pp

--8003190081 Forwards order modifying 800102 show cause order in response to completed review of power reliability info & status of implementation of Category A requirements Good cause has been shown to extend shutdown to 800315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 2pp

P Operating license stage documents & correspondence  
-----

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch NUREG-0630 79/11/30 106pp

8003120955 Forwards comments & marked-up copy of model radiological ETS per 790315 proposed amend Licensee should be requested to incorporate comments in proposed amend Notes items missing from submittal w/o marked-up Tech Specs  
BANGART, R L Effluent Treatment Systems Branch 80/02/04 7pp

8003303290 Requests expedited review & approval of 790412 & 0910 proposed revisions to ETS Since submittal, certain changes to NPDES permit now conflict w/ETS Upon approval, revisions will require deletions re License DPR-67 items  
UHRIG, R E Florida Power & Light Co 80/02/26 1p

# DOCKETED ITEMS

187

8003100180 Forwards NRC 800207.14 & 22 ltrs re energy supply during unit shutdown & order modifying 800102 show cause order, in response to 800201 & 03 request for NRC decision  
YOUNGBLOOD, B J Cost Benefit Analysis Branch 80/02/26 2pp

--8003100195 Forwards order modifying 800102 show cause order for facility Order extends Unit 1 shutdown to 800315  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

--8003100208 Summarizes DOE review re impact on energy supply in FL during shutdown of nuclear generating units in Feb & March  
Reliable svc cannot be maintained Request NRC decision  
WEINER, R E Energy, Dept of 80/02/05 4pp

8003040573 Notifies that util experienced new sys peak of 10,174 MW during 1-h period on 800303, due to sale of 450 MW to FL  
Power Corp Demand could not have been met if any of nuclear plants were shut down  
UHRIG, R E Florida Power & Light Co 80/03/03 1p

8003110524 Forwards "RCS Asymmetric LOCA Load Evaluation," in response to NRC to 780216 request Probability of pipe failure is acceptably low Facility has significant capability to accommodate nondesign basis events  
UHRIG, R E Florida Power & Light Co 80/03/07 2pp

--8003110528 "RCS Asymmetric LOCA Evaluation "  
\* Florida Power & Light Co 80/03/03 28pp

8003190445 Forwards info in response to NRC 800204 ltr re containment purging & venting  
UHRIG, R E Florida Power & Light Co 80/03/13 12pp

8003200390 Forwards response to NRC 800223 ltr re LWR primary coolant sys pressure isolation valves Instrumentation is provided to monitor pressure of low pressure side of Check Valves  
V-3217, V-3227, V-3237 & V-3247 Flow diagram encl  
UHRIG, R E Florida Power & Light Co 80/03/17 5pp

8003240368 Forwards results of testing of auxiliary feedwater pumps conducted between 800126-0204  
UHRIG, R E Florida Power & Light Co 80/03/19 13pp

8003250471 Forwards proprietary & nonproprietary versions of responses to six site-specific questions re disc integrity in Westinghouse 1800 rpm low pressure nuclear turbines  
Proprietary version withheld (ref 10CFR2.790)  
UHRIG, R E Florida Power & Light Co 80/03/19 18pp

## Q Inspection reports, IE Bulletins & correspondence

8003110127 Forwards IE Insp Rept 50-335/79-32 on 791210-13 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/03 2pp

--8003110136 IE Insp Rept 50-335/79-32 on 791210-13 No noncompliance noted Major areas inspected previously identified noncompliance & open items, IE bulletins, circulars & notices  
MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch DYER, J A Region 2, Atlanta, Office of the Director 80/01/03 7pp

8003190107 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120027 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180060 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/02/08 2pp

8003190422 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003140421 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp.

8003240555 Requests notarized statements re util insp of turbine discs for possible crack formation Statements will enable NRC to decide whether DL should be modified, suspended or revoked  
IE Info Notice 79-37 w/errata sheet & info request encl  
EISENHUT, D G Division of Operating Reactors 80/02/25 5pp

8003140041 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180177 Forwards supplemental info to IE Bulletin 79-018, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 2pp

8003190020 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003240077 Responds to IE Bulletin 79-27, "Loss of Nonclass IE Instrumentation & Control Power Sys Bus During Operation " All ac & dc Class IC & vital buses have control room annunciation to alert operator of loss of power to bus  
UHRIG, R E Florida Power & Light Co 80/02/29 3pp

8003180137 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140400 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 14pp

8003180074 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180305 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270024 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260219 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003230565 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260171 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/03/14 2pp

## R Periodic operating reports & related correspondence

8003100251 Forwards "Semiannual Radioactive Effluent Release Rept for Jul-Dec 1979 "  
UHRIG, R E Florida Power & Light Co 80/02/29 1p

--8003100256 "Semiannual Radioactive Effluent Release Rept for July-Dec 1979 "  
\* Florida Power & Light Co 80/02/20, 30pp

8003240437 Forwards annual personnel exposure rept for CY79  
UHRIG, R E Florida Power & Light Co 80/03/20 1p

--8003240442 Annual personnel exposure rept for CY79  
\* Florida Power & Light Co 80/03/20 1p

## DOCKETED ITEMS

## S Reportable occurrences, LERs &amp; related correspondence

8003260633 Forwards RO 335-B-79-05/B  
UHRIG, R E Florida Power & Light Co 80/01/08 1p

--8003260636 RO 335-B-79-05/B on 791210, during routine checks of recording thermographs, ocean discharge area recording thermograph flotation buoy assembly found missing Caused by cable failure from rough weather or vandalism  
UHRIG, R E Florida Power & Light Co 80/01/08 2pp

8003170442 Forwards LER 80-005/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/02/29 1p

--8003170448 LER 80-005/03L-0 on 800130 & again on 800131, while operating at 100% power, control element assembly dropped to bottom of core Caused by loose lead in 15-volt power supply Control element assembly returned to normal position  
SCHOPPHAN, M A Florida Power & Light Co 80/02/29 1p

8003110054 Forwards LER 80-007/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/03 1p

--8003110064 LER 80-007/03L-0 on 800204, during periodic control element assembly (CEA) surveillance testing, CEA 19 dropped to full insertion while being withdrawn Caused by failed timer module in coil power programmer Timer module replaced  
SCHOPPHAN, M A Florida Power & Light Co 80/03/03 1p

8003170434 Forwards LER 80-006/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/03 1p

--8003170438 LER 80-006/03L-0 on 800202, during periodic exercise of containment isolation valves, normally closed valves V-5201 & V-5204 could not be shut Caused by crystalline boric acid deposits caked on valves Valves freed & exercised  
SCHOPPHAN, M A Florida Power & Light Co 80/03/03 2pp

8003170462 Forwards LER 80-008/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/07 1p

--8003170467 LER 80-008/03L-0 on 800206, discovered SIT sample valves for tanks 1A1, 1A2, 1B1 & 1B2 had been mislabeled as 1B2, 1B1, 1A2 & 1A1, respectively, resulting in missed surveillance samplings Caused by incorrect labeling during installation  
SCHOPPHAN, M A Florida Power & Light Co 80/03/07 2pp

8003170473 Forwards LER 80-009/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/07 1p

--8003170475 LER 80-009/03L-0 on 800208, during normal operation, RCS leakage was determined to be 4.38 gpm unidentified leakage Caused by relief valve RV 2115 on vol control tank oscillating open & closed w/charging pump pulsations  
SCHOPPHAN, M A Florida Power & Light Co 80/03/07 1p

8003310309 Forwards LER 80-010/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/17 1p

--8003310317 LER 80-010/03L-0 on 800217, during 100% power operation, control element assembly 45 dropped to full insertion when selected to manual insertion for A & J damping Cause undetermined Assembly operated properly in normal position  
SCHOPPHAN, M A Florida Power & Light Co 80/03/17 1p

8003310295 Forwards LER 80-012/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/19 1p

--8003310299 LER 80-012/03L-0 on 800222, during normal operation, diesel generator B failed to reach rated speed during operational check, Caused by sticking diesel generator engine injector linkages Injector control levers hand exercised  
SCHOPPHAN, M A Florida Power & Light Co 80/03/19 1p

8003310320 Forwards LER 80-011/03L-0  
SCHMIDT, A D Florida Power & Light Co 80/03/19 1p

--8003310323 LER 80-011/03L-0 on 800219, during normal operation, refueling water tank engineered safety feature actuation sys channel D drifted below low level setpoint Caused by erroneous level signal in level transmitter  
SCHOPPHAN, M A Florida Power & Light Co 80/03/19 1p

## DOCKET 80-336 MILLSTONE NUCLEAR POWER STATION, UNIT 2

## F Security, medical, emergency &amp; fire protection plans

8003170366 Lists mod items which required addl info at time of SER issuance All items satisfactory  
MACDOUGALL, E A Brookhaven National Laboratory 79/08/08 1p

8003170387 Advises of open status of cable spreading area, redundant cable tray protection & smoke detection sys tests Cable fire barrier penetration test data satisfactorily closed  
MACDOUGALL, E A Brookhaven National Laboratory 79/09/10 1p

8003170443 Forwards recommendations re fire protection review [items 3 2 1 & 3 2 2 Protective measures for cable spreading room crossovers & high concentration areas should be accepted Protection of redundant cable trays is acceptable  
HALL, R E Brookhaven National Laboratory 79/12/20 4pp

8003130522 Approves licensee 800103 request to amend License DPR-65 reflecting change in location type & number of fire detectors per NRC 780919 safety evaluation  
LAINAS, G Plant Systems Branch 80/02/21 1p

8003110470 Forwards correction to 791228 upgraded site emergency plan Figure 3a, App B should be titled "Dose Rate Outside Personnel Airlock"  
COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/04 1p

--8003110481 Corrected App B, Figure 3a Title should be, "Dose Rate Outside Personnel Air Lock"  
COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/04 1p

8003270208 Notification of 800401-03 meeting w/util & local officials at site to discuss emergency planning guidelines  
CONNER, E L Operating Reactors Branch 4 80/03/11 4pp

J Insurance & indemnity information

8003190512 Forwards Endorsements 63 & 64 to NEUA Policy NF-173  
IFFLAND, R R Northeast Utilities 80/03/14 3pp

P Operating license stage documents & correspondence

8003070204 Comments on proposed rules 10CFR30, 40.50 & 70 draft "Accounting Alternatives for Nuclear Decommissions"  
W Northeast Utilities Service Co 79/04/30 31pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003120770 Forwards evaluation of Category A Lessons Learned requirements implementation at facility Evaluation based on documentation submitted by util & discussions at 800114 & 15 site visit  
REID, R W Operating Reactors Branch 4 80/02/25 12pp

8003110489 Discusses slightly diminished capacity of charging pumps to inject concentrated boric acid into RCS under test conditions Change in peak clad temp due to smaller charging pump flow is not significant enough to be reportable  
COUNSIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/02/29 2pp

8003110418 Submits comments on "Criteria for Util Mgt & Technical Competence," re recommendations of post-TMI accident investigative groups NRC should define broad criteria & organizational structure to allow adequate license latitude  
COUNSIL, W G Northeast Utilities 80/03/01 7pp

8003200007 Summary of 800111 meeting w/Bachtel & licensees re reactor wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

# DOCKETED ITEMS

189

8003100247 Forwards "Basic Safety Rept." in support of Cycle 4 reload Affidavit encl Rept withheld (ref 10CFR2 790) & available in Central Files only  
COUNCIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/06 3pp

8003180634 Advises that util response to NRC 791022 request re auxiliary feedwater sys flow design info is scheduled for submittal on or about 800616  
COUNCIL, W G Northeast Utilities 80/03/10 1p

8003260385 Submits evaluation of isolation valve configuration providing isolation for low pressure piping sys from RCS No Event 5 isolation valve configurations exist  
COUNCIL, W G, FEE, W F Northeast Utilities 80/03/18 6pp

8003270405 Responds to NRC 800223 ltr requesting info re testing of pressure isolation valves & voicing concern on inter-system LOCA No Event 5 isolation valve configurations exist at facilities  
COUNCIL, W G Northeast Utilities 80/03/18 6pp

## G. Inspection reports, IE Bulletins & correspondence

8003050670 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003050085 Ack receipt of 791228 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-245/79-24 & 50-336/79-25  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/24 1p

--8003050100 Responds to NRC 791203 ltr re violation noted in IE Insp Rept 50-336/79-25 Corrective action properly incorporated temporary editorial change into procedures  
COUNCIL, W G, SWITZER, D C Northeast Nuclear Energy Co (subs of Northeast Utilities) 79/12/28 2pp

--8003050105 Forwards IE Insp Repts 50-245/79-24 & 50-336/79-25 on 791002-05 & notice of violation  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/05 2pp

--8003050107 Notice of violation from insp on 791002-05  
\* Region 1, Philadelphia, Office of the Director 79/12/05, 1p

--8003050112 IE Insp Repts 50-245/79-24 & 50-336/79-25 on 791002-05 Noncompliance noted failure to initiate & review temporary procedure change  
GRAHAM, P D Region 1, Philadelphia, Office of the Director  
CAPHTON, D L Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 79/12/03 11pp

8003190853 Forwards IE Insp Repts 50-245/79-28 & 50-336/79-29 on 791015-1130 No noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/28 2pp

--8003190859 IE Insp Repts 50-245/79-28 & 50-336/79-29 on 791015-1130 No noncompliance noted Major areas inspected control rooms & turbine & intake bldgs, radiation protection, physical security, fire protection & plant operation records  
SHEDLOSKE, J T Region 1, Philadelphia, Office of the Director  
HEIMIG, R R Region 1, Philadelphia, Reactor Operations Nuclear Support Branch 80/01/24 9pp

8003130064 Confirms 800129 telcon extending invitation to attend 800207 meeting in King of Prussia, PA re requirements in IE Bulletin 79-01B, "Environ Qualifications of Class IE Equipment"  
Proposed agenda encl  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/01/30 2pp

8003120673 Responds to IE Bulletin 79-03 Ultrasonic examination results indicate no rejectable porosity or lack of fusion on any ARME 8A-312 stainless steel pipe mfg by Youngstown Welding & Engineering Co  
COUNCIL, W G Northeast Utilities 80/02/20 2pp

8003140104 Forwards IE Info Notice 80-06, "Notification of Significant Events." No action required.  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/27 1p

8003120530 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003140378 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment." No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 7pp

8003270343 Responds to IE Bulletin 80-04 re analysis of PWR main steam line break w/continued feedwater addition Details of control grade automatic initiation or auxiliary feedwater scheme are being finalized Necessity of installation is questionable  
COUNCIL, W G Connecticut Yankee Atomic Power Co COUNCIL, W G Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/05 1p

8003180284 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003180044 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys For Operating Power Plants." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003190263 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block." No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260317 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260433 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks." Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260141 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." Written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250334 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260042 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003040509 "Semiannual Radioactive Effluents Release Rept." Jul-Dec 1979  
\* Northeast Utilities 80/02/29 107pp

8003040615 Forwards "Annual Operating Rept, 1979"  
OPEKA, J F Northeast Utilities 80/02/29 1p

--8003040621 "Annual Operating Rept, 1979"  
\* Northeast Utilities 80/02/29 42pp

8003180366 Forwards monthly operating rept for Feb 1980  
OPEKA, J F Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/11 1p

--8003180367 Monthly operating rept for Feb 1980  
HOWETT, G H Northeast Nuclear Energy Co (subs of Northeast Utilities) 80/03/05 5pp

8003190835 Forwards monthly operating rept for Feb 1980  
OPEKA, J F Northeast Utilities 80/03/11 1p



## DOCKETED ITEMS

--8003190538 Monthly operating rept for Feb 1980  
HOWLETT, G H Northeast Utilities 80/03/05 5pp

S Reportable occurrences, LERs & related correspondence

8003050287 RO on 791229, loss of main control board annunciators occurred. Fourteen power supplies that are paralleled to provide voltages for annunciator electronics, lamps & field contacts failed. Surveillance implemented.  
OPEKA, J F Northeast Utilities 80/01/23 2pp

8003030465 Forwards LER 80-003/03L-0  
OPEKA, J F Northeast Utilities 80/02/21 1p

--8003030470 LER 80-003/03L-0 on 800122, during routine power operation, containment air temp found in excess of 120F limit. Caused by adjustments to svc water temp control valve for reactor bldg closed cooling water sys. Valve readjusted.  
STRATUM, R A Northeast Utilities 80/02/21 1p

8003070331 Forwards LER 80-004/03L-0  
OPEKA, J F Northeast Utilities 80/03/03 1p

--8003070338 LER 80-004/03L-0 on 800204, during routine surveillance, reactor protection sys channel B trip signal for RCP underspeed found out of specs. Caused by frequency-to-voltage converter being high & unstable. Unit replaced & caliber.  
BATES, R W Northeast Utilities 80/03/03 1p

8003200491 RO 80-336/80-05 during safety analysis review, found that analysis of boron dilution event incorrectly assumed full RCS & 1% shutdown margin. Not all possible situations considered. Will maintain excess of 2% shutdown margin.  
OPEKA, J F Northeast Utilities 80/03/12 2pp

8003280510 Forwards LER 80-005/01T-0  
OPEKA, J F Northeast Utilities 80/03/21 1p

--8003280513 LER 80-005/01T-0 on 800311, during review of safety analysis, discovered incorrect assumption was made in analysis of mode 5 boron dilution event. Caused by failure to consider operation w/RCS drained to centerline of hot leg.  
GURNEY, P V Northeast Utilities 80/03/21 2pp

DOCKET 80-338 NORTH ANNA POWER STATION, UNIT 1

G Adjudicatory correspondence

8003260587 Confirms 800221 telcon w/CJ Bishop, advising that JH Schmerling affidavit contains aspects claimed to be proprietary by Westinghouse. Requests confidentiality of affidavit until claim is supported by Westinghouse.  
CHRISTMAN, J N Hunton & Williams 80/02/22 2pp

8003070197 Memorandum & order directing applicant & NRC to submit in three wks justification of crack growth rate curves re analyses filed prior to cancelled 800221 hearing & statement of assumption re crack initiation timing w/Rosenthal views.  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/03 7pp

8003310345 Forwards encls to NRC 800304 ltr to ASLAB re turbine disc cracking & relationship to operation of Unit 1. NRC strongly disagrees w/characterization of UCB as having extensively participated w/o encls.  
SWANSON, D T Hearing Branch 1 80/03/12 1p

8003280160 Notifies that J Allen 800228 ltr is forwarded to PDR & all parties in proceeding.  
GIBSON, T R Commission 80/03/13 1p

--8003280164 Discusses Westinghouse steam generator corrosion problems & Westinghouse turbine disc cracks at facilities. Forwards NRC 800121 ltr re insp port installation at North Anna Units 1 & 2 & Environ Coalition 800107 news release.  
ALLEN, J North Anna Environmental Coalition 80/02/28, 1p

--8003280169 Requests util install insp ports on steam generators at North Anna Unit 2 prior to commercial operation start.  
ROSS, D F Division of Project Management 80/01/21 3pp

H General correspondence

8003040081 Urges NRC to authorize util to operate facilities. Safe nuclear facilities are sitting idle while expensive oil is burned to generate electricity. Energy costs are rising.  
Notice from util encl W/o encl.  
MCMILLAN, J D Affiliation Unknown 80/02/06 1p

K Utility Final Safety Analysis Report (FSAR) & amends

8003210331 Forwards Amend 6B to FSAR Affidavit of svc encl.  
FERGUSON, J H Virginia Electric & Power Co 80/03/07 4pp

--8003210337 Amend 6B to FSAR  
\* Virginia Electric & Power Co 80/03/07 100pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109.  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERB, D A Core Performance Branch 79/11/30 106pp

8003170155 Summary of 800129 meeting w/BNL re progress of physics technical assistance program & flux tilt observed at facility at beginning of Cycle 1. Util attributes flux to flow imbalance. Detailed outline of physics discussions encl.  
DUNENFELD, M Core Performance Branch 80/02/04 8pp

8003130032 Notifies of data indicating fission gas release rate from LNR fuel pellets increases w/burnup. No licensing action required for operating reactors. Users of Westinghouse fuel must quantify burnup if new design criteria violated.  
SCHWENGER, A Operating Reactors Branch 1 80/02/25 2pp

8003030406 Informs that actions in response to NRC recommendations concerning auxiliary feedwater sys reliability will be performed on both units. Turbine driven pump will be tested w/Unit 2 at min of 25% power.  
STALLINGS, C M Virginia Electric & Power Co 80/02/26 1p

8003170204 Notifies that review of applicable tables from NUREG-0611, complete Table 1-2 lists ECCS initiation setpoint for low pressurizer pressure coincident w/low pressurizer level. Setpoint has been changed to low-low pressurizer pressure.  
STALLINGS, C M Virginia Electric & Power Co 80/03/10 1p

8003140230 Application for amend to License NPF-4 in form of proposed Tech Specs Change 28 re core tilt Class II fee. Tech Specs Page 1-26 & util safety evaluation encl.  
STALLINGS, C M Virginia Electric & Power Co 80/03/11 4pp

--8003140236 Proposed Tech Specs Change 28 consisting of Page 1-26 re rod group insertion limits vs thermal power. Safety evaluation & related data encl.  
\* Virginia Electric & Power Co 80/03/11 20pp

8003180297 Submits primary coolant sys pressure isolation valve info re in-series check valves isolating high pressure primary coolant from low pressure injection sys piping. Method of analyzing parallel check valves outlined.  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 4pp

8003200393 Notifies that util plans to support operation of Unit 1 concurrent w/fuel loading & low power operation of Unit 2. Util will operate Unit 1 using four shifts & fuel load Unit 2 using two shifts.  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 2pp

8003210422 Forwards info on site-specific generic questions re turbine disc integrity in response to NRC 800225 ltr. Certain Westinghouse portions of response withheld (ref 10CFR2.790). Application & affidavits for proprietary status encl.  
STALLINGS, C M Virginia Electric & Power Co 80/03/19 17pp

--8003210426 Forwards Turbine Disc Integrity Task Force consensus response to generic questions contained in NRC 800225 ltr re turbine disc integrity. Portions withheld (ref 10CFR2.790).  
SCHMERLING, J M Westinghouse Electric Corp. 80/03/14 29pp

# DOCKETED ITEMS

191

8003280495 Ack receipt of NRC 800310 ltr re generic request for info on auxiliary feedwater sys reliability Refers to util 790928 ltr noting action being taken in response to NRC reliability study of sys at facilities  
STALLINGS, C M Virginia Electric & Power Co 80/03/24 1p

8003310239 Requests amend to License NPF-4 consisting of proposed Tech Spec Change 31 re administrative controls  
STALLINGS, C M Virginia Electric & Power Co 80/03/27 3pp

--8003310243 Proposed Tech Spec Change 31, Section 6.0 re administrative controls reflecting reorganization of nuclear operations, maint dept & nuclear technical svcs dept  
\* Virginia Electric & Power Co 80/03/27 21pp

0 Inspection reports, IE Bulletins & correspondence

8003110197 Forwards IE Insp Repts 50-338/79-48 & 50-339/79-56 on 791105-13 & 26-30 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/31 2pp

--8003110207 IE Insp Repts 50-338/79-48 & 50-339/79-56 on 791105-13 & 26-30 No noncompliance noted Major areas inspected IE circulars & notices, licensee repts & readiness for fuel loading  
KELLQ00, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch KIDD, M S Region 2, Atlanta, Office of the Director 79/12/28 10pp

8003050250 Forwards IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050261 IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted Major areas inspected diesel generators & charging pumps, concrete testing, IE bulletins & followup on deficiencies  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch MCFARLAND, C F Region 2, Atlanta, Office of the Director 80/01/24 6pp

8003170066 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120048 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003280020 Forwards safety evaluation supporting 791210 inservice insp & maint of first refueling for steam generators  
SCHWENCER, A Operating Reactors Branch 1 80/02/04 1p

--8003280024 Safety evaluation supporting first inservice insp & maint of steam generators.  
\* Office of Nuclear Reactor Regulation 80/02/04 3pp

8003190789 Forwards 800206 FR notice granting relief from ASME boiler & pressure vessel code Section XI inservice insp requirements  
SCHWENCER, A Operating Reactors Branch 1 80/02/06 4pp

--8003190793 Notice granting relief from ASME Section XI inservice insp (testing) requirements  
SCHWENCER, A Operating Reactors Branch 1 80/02/06 2pp

8003180089 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/02/08 2pp

8003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p.

8003050268 Forwards IE Insp Rept 50-338/80-06 on 800121-25 & notice of Violation Notice of violation withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/20 2pp

--8003050271 IE Insp Rept 50-338/80-06 on 800121-25 Noncompliance noted written security procedure detailing duties of individuals responsible for testing special detection equipment not established Details withheld (ref 10CFR2 790)  
MOORE, D E, HOWELL, J C Region 2, Atlanta, Office of the Director TOSIN, W J Region 2, Atlanta, Safeguards Branch 80/02/19 1p

8003050325 Ack receipt of 800208 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-338/79-52 & 50-339/79-58  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/20 1p

--8003050337 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-338/79-52 & 50-339/79-58 Corrective actions station manager will assume const reporting responsibility  
STALLINGS, C M Virginia Electric & Power Co 80/02/08 2pp

--8003050344 Forwards IE Insp Repts 50-338/79-52 & 50-339/79-58 on 791203-21 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/16 2pp

--8003050352 Notice of violation from insp on 791203-21  
\* Region 2, Atlanta, Office of the Director 80/01/11 1p

--8003050359 IE Insp Repts 50-338/79-52 & 50-339/79-58 on 791203-21 Noncompliance noted failure to review potentially reportable matters for applicability  
KELLQ00, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch KIDD, M S Region 2, Atlanta, Office of the Director 80/01/11 9pp

8003140434 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs," w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp

8003210130 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-338/79-50 & 50-339/79-59  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/26 1p

--8003210137 Responds to NRC 800117 ltr re violations noted in IE Insp Repts 50-338/79-50 & 50-339/79-59 Corrective actions repts received for processing at sys level elevated in priority for preparation & review  
STALLINGS, C M Virginia Electric & Power Co 80/02/11 2pp

--8003210138 Forwards IE Insp Repts 50-338/79-50 & 50-339/79-59 on 791210-12 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003210141 Notice of violation from insp on 791210-12  
\* Region 2, Atlanta, Office of the Director 80/01/16 1p

--8003210144 IE Insp Repts 50-338/79-50 & 50-339/79-59 on 791210-12 Noncompliance noted failure to forward licensee event repts within specified time frame  
KELLQ00, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch WEBSTER, E H Region 2, Atlanta, Office of the Director 80/01/16 6pp

8003140058 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180195 Forwards supplemental info to IE Bulletin 79-018, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp.

8003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003240610 Ack receipt of 800221 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-338/79-45  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/03/03 1p

## DOCKETED ITEMS

--8003240616 Responds to NRC 791204 ltr re violations noted in IE Insp Rept 80-338/79-45 Corrective actions records of training for station fire brigade members will be retrieved & stored in records vault at station  
STALLINGS, C M Virginia Electric & Power Co 80/02/21 1p

8003180162 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003110560 Submits interim response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Insp of North Anna failed to reveal time delay circuitry Surry Insp not yet complete  
STALLINGS, C M Virginia Electric & Power Co 80/03/07 4pp

8003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180093 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180324 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260411 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250580 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260200 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### R Periodic operating reports & related correspondence

8003180546 Forwards monthly operating rept for Feb 1980  
STALLINGS, C M Virginia Electric & Power Co 80/03/12 1p

--8003180550 Monthly operating rept for Feb 1980  
MADISON, W R Virginia Electric & Power Co 80/03/03 5pp

#### S Reportable occurrences, LERs & related correspondence

8003060337 Ack receipt of util 791129 interim deficiency rept re violation of separation criteria for 4 16 kV switchgear  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/18 1p

8003240501 Forwards LER 80-006/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/07 1p

--8003240505 LER 80-006/03L-01 on 800111, w/unit in Mode 3, casing coolant pump discharge valve MOV-RS-100A was discovered to be inoperable Caused by removal of casing cooling tank level transmitter LT-RS103A during execution of design change  
\* Virginia Electric & Power Co 80/02/08 1p

8003120707 PNO-11-80-030 on 800220, reactor inadvertently tripped when input breaker to nonsafety-related rod drive motor/generator Set 1-1 opened Caused by custodial personnel investigating possible loose parts in steam generator C  
DONAT, T J, WEBSTER, E H Region 2, Atlanta, Office of the Director 80/02/21 1p

8003200015 PNO-11-80-030A on 800220, util issued press release on reactor trip Westinghouse & licensee have completed initial set of noise measurement tests & will compare results w/normal operation testing to locate noise  
DONAT, T J, WEBSTER, E H, MARTIN, G H Region 2, Atlanta, Office of the Director 80/02/22 1p

8003200172 PNO-11-80-034 on 800226, small leak observed from reactor water storage tank cooling sys Estimated 270 gallons of water contaminated ground Licensee sampling of storm drain sys showed no release Contaminated mail to be shipped  
WRAY, J R, JENKINS, G R Region 2, Atlanta, Office of the Director 80/02/27 4p

8003040622 Forwards LER 80-020/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 1p

--8003040629 LER 80-020/03L-0 on 800129, during Mode 1 operation, B casing cooling subsystem rendered inoperable Caused by disconnection of LT-RS-103B level transmitter during design changes Level transmitter reinstalled  
CARTWRIGHT, W R Virginia Electric & Power Co 80/02/27 2pp

8003040627 Forwards LER 80-021/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/02/28 1p

--8003040634 LER 80-021/03L-0 on 800202, w/unit in Mode 1, emergency diesel generator IH tripped on high crankcase pressure during manual start to verify diesel operability Cause unknown Generator restarted Vendor investigating  
CARTWRIGHT, W R Virginia Electric & Power Co 80/02/29 2pp

8003050580 Forwards LER 80-022/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/03 1p

--8003060585 LER 80-022/03L-0 on 800208, during control rod insertion, indicated quadrant power tilt twice exceeded 1.02% Caused by rod insertion to perform flux map Reactor flux map & control rod withdrawal performed  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/03 2pp

8003110050 Forwards LER 80-028/01T-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/07 1p

--8003110056 LER 80-028/01T-0 on 800223, actuation of ECCS occurred due to high steamline differential pressure Caused by valve NRV-MS101C being opened while NRV-MS101A & B remained closed & steam flow existed  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/07 4pp

8003140368 Forwards LER 80-023/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/10 1p

--8003140393 LER 80-023/03L-0 on 800208, during monthly surveillance test, trip bistable for containment hi-hi pressure channel 2 failed to trip Caused by short in card component T-31-1-C HAL card replaced & recalibr  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/07 2pp

8003170369 Forwards LER 80-025/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 1p

--8003170375 LER 80-025/03L-0 on 800215, channel III steamline pressure protection bistable for PP greater than P1 safety injection initiation tripped at unacceptable setpoint Caused by setpoint drift in signal comparator card circuitry  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/14 2pp

8003180584 Forwards LER 80-032/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 1p

--8003180590 LER 80-032/03L-0 on 800215, IH emergency diesel generator tripped on overspeed during manual start to verify diesel operability Tripped again on 800223, 0302, 06, 10 & 11 Caused by defective oil booster servomotor Servomotor replaced  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/14 3pp

8003210459 Forwards LER 80-026/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/18 1p

--8003210461 LER 80-026/03L-0 on 800217, w/reactor operating at 100% power, casing cooling supply valve MOV-RS100B failed to open from control room during quarterly valve inservice insp test Cause unknown Valve was manually opened & tested  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/18 2pp

8003240465 Forwards updated LER 79-151/01X-0 & LER 80-034/01T-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/21 1p

# DOCKETED ITEMS

193

--8003240468 LER 79-151/01X-1 on 791105, insp per IE Bulletin 79-14 showed incorrect amplified response spectrum curve was used in pipe stress analysis & other seismic curves were used in wrong input format Cause unknown  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/21 3pp

--8003240473 LER 80-034/01T-0 on 800307, B&W discovered that several Class 2 lines in low & high head safety injection sys were not stress analyzed for fluid temp Caused by deficiency in piping sys stress analysis  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/21 2pp

8003310301 Forwards LER 80-029/03L-0  
STALLINGS, C M Virginia Electric & Power Co 80/03/27 1p

--8003310307 LER 80-029/03L-0 on 800226, during normal operation at 100% power, found water leaking onto ground from refueling water storage tank cooler fitting Caused by failure to remove temporary pressure gauge Leak secured & gauge removed  
CARTWRIGHT, W R Virginia Electric & Power Co 80/03/27 2pp

## U Congressional/Executive Correspondence

8003060463 Forwards ALA8-978 re facility pumphouse settlement issue, per NRC 790213 response to 790209 ltr w/o encl  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel 80/02/11 1p

## DOCKET 30-339 NORTH ANNA POWER STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003040664 Forwards application for renewal of Amended License SNM-1801, extending expiration date until 800120 & deleting Condition 17 re storage of new Unit 2 Fuel  
STALLINGS, C M Virginia Electric & Power Co 79/10/16 1p

--8003040682 Application for renewal & amend of License SNM-1801 extending expiration date until 801201, or until conversion of CPRR-7B to QL & deleting Condition 17 re storage of new Unit 2 Fuel Replacement pages encl  
STALLINGS, C M Virginia Electric & Power Co 79/10/16 7pp

8003250319 Submits Amend 3 to License SNM-1801, deleting Items 15 & 17 changing expiration date to 801231 or to date of conversion to QL & adding conditions  
CROW, W T Uranium Fuel Licensing Branch 79/12/28 1p

--8003250320 Safety evaluation supporting Amend 3 to License SNM-1801  
DELANEY, J C Uranium Fuel Licensing Branch, 79/12/28 2pp

8003060288 Responds to 800115 ltr to JF Ahearn re expediting decision for OL W/o encl 800109 ltr to state of VA Atty General.  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/04 1p

--8003060294 Requests lifting of moratorium on OL issuance to open facility  
HARRELL, E E Plymouth & Washington County 80/01/15 2pp

8003100128 Approves 791107 request to withhold responses to NRC questions re guide tube thimble wear from public insp (ref 10CFR2 790)  
PARR, O D Light Water Reactors Branch 3 80/02/15 2pp

8003180094 Responds to 800117 ltr re preparation of facility SER Review of application is being actively pursued Publication of SER anticipated in near future  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p.

8003040188 Notification of 800226 meeting w/utis in Bethesda, MD to discuss addl clarification of NRC requirements in design review of plant shielding & environ qualification of equipment used in post-accident operations  
BUCKLEY, B C Light Water Reactors Branch 1 80/02/19 9pp

8003060061 Discusses change in review procedures for equipment qualification documentation Requests info re degree to which equipment qualification program complies w/NRC position described in NUREG-0988  
PARR, O D Light Water Reactors Branch 3 80/02/19 4pp

8003100235 Summary of 800214 meeting w/utis at plant site re 800206 revised list of requirements for near-term OL applicants  
DROMERICK, A W Light Water Reactors Branch 3 80/02/22 4pp.

8003210187 Notification of 800306 meeting w/utis to discuss cold shutdown  
DROMERICK, A W Light Water Reactors Branch 3 80/02/25 3pp

8003030406 Informs that actions in response to NRC recommendations concerning auxiliary feedwater sys reliability will be performed on both units Turbine driven pump will be tested w/Unit 2 at min of 25% power  
STALLINGS, C M Virginia Electric & Power Co 80/02/26 1p

8003210191 Notification of 800303 & 04 site visit to discuss matters re control room design  
DROMERICK, A W Light Water Reactors Branch 3 80/02/28 3pp

8003120416 Notification of 800303 meeting w/utis in Bethesda, MD to discuss requirements for fuel loading & low power testing  
LICITRA, E A, DROMERICK, A W Light Water Reactors Branch 3 80/02/29 3pp

8003270181 Summary of 800303 meeting w/utis in Bethesda, MD re fuel loading & low power testing requirements for near-term OL applicants  
LICITRA, E, DROMERICK, A Light Water Reactors Branch 3 80/03/06 4pp

8003240594 Forwards request for addl info re OL application info needed concerns RHR sys Commitment to demonstrate ability to manually operate atmospheric steam dump valves while communicating w/control room necessary  
PARR, O D Light Water Reactors Branch 3 80/03/07 5pp

8003250180 Notification of 800310 meeting w/utis in Bethesda, MD to discuss low power testing  
DROMERICK, A W Light Water Reactors Branch 3 80/03/07 3pp

8003260315 Notification of cancellation of 800310 meeting w/ utis in Bethesda, MD to discuss low power testing  
DROMERICK, A W Light Water Reactors Branch 3 80/03/07 1p

8003140226 Provides supplemental info to util 791126 & 800101 ltrs re implementation of TMI-2 Lessons Learned Task Force short-term items Redundant remotely operated valves will be added to recombiner sys from connected sys  
STALLINGS, C M Virginia Electric & Power Co 80/03/10 2pp

8003170204 Notifies that review of applicable tables from NUREG-0611 is complete Table 1-2 lists ECCS initiation setpoint for low pressurizer pressure coincident w/low pressurizer level Setpoint has been changed to low-low pressurizer pressure  
STALLINGS, C M Virginia Electric & Power Co 80/03/10 1p

8003240206 Discusses independent field audit described in NRC 791129 ltr Requests that audit be performed Review sample may be limited to 5% rather than 10% of installed equipment & cables  
PARR, O D Light Water Reactors Branch 3 80/03/11 3pp

8003270340 Notification of 800313 meeting w/utis in Louisi, VA to discuss matters re steam generators  
DROMERICK, A W Light Water Reactors Branch 3 80/03/11 3pp

8003180234 Ack receipt of training criteria for mitigating core damage Training program is being prepared to meet intent of criteria utilizing best engineering & operating info available  
STALLINGS, C M Virginia Electric & Power Co 80/03/12 1p

8003200393 Notifies that util plans to support operation of Unit 1 concurrent w/fuel loading & low power operation of Unit 2 Util will operate Unit 1 using four shifts & fuel load Unit 2 using two shifts  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 2pp

8003180603 Forwards followup to 800225 ltr re chemical storage & control room habitability evaluations in compliance w/RWG Guide 1 78 Worst case concentration of chemical within control room is less than toxicity limit for chemical  
BROWN, S C Virginia Electric & Power Co 80/03/17 6pp

8003190470 Forwards response to NRC request for info re welding process & heat treatment in cladding vessel nozzles Base matl of all nozzles is ASTM A-508, Class 2 Preheat temp is 250 F min & post-heat temp is 400 F  
STALLING, C M Virginia Electric & Power Co 80/03/17 2pp.

8003190648 Forwards procedures, including organization during emergency conditions, QC surveillance of shift relief & conduct, summary of revisions to station organization, instrument calibr & valve position indication sensitivity.  
STALLINGS, C M Virginia Electric & Power Co 80/03/17 1p.

## DOCKETED ITEMS

--8003190650 Procedures including organization during emergency conditions, QC surveillance of shift relief & conduct, summary of revisions to station organization, instrument calibr & valve position indication sensitivity  
\* Virginia Electric & Power Co 80/03/17 65pp

8003210309 Clarifies 791205 & 800206 ltrs re special test program Will perform nine tests discussed at ACRS 791211 meeting  
Flexibility for program alteration in event of unsuccessful test or unanticipated events should be permitted  
STALLINGS, C M Virginia Electric & Power Co 80/03/19 3pp

8003210197 Forwards response to NRC 800307 request for addl info re achieving cold shutdown using safety-grade equipment Each steam generator is provided w/safety-grade seismically supported atmospheric dump valve  
STALLINGS, C M Virginia Electric & Power Co 80/03/20 29pp

8003280495 Ack receipt of NRC 800310 ltr re generic request for info on auxiliary feedwater sys reliability Refers to util 790928 ltr noting action being taken in response to NRC reliability study of sys at facilities  
STALLINGS, C M Virginia Electric & Power Co 80/03/24 1p

8003310388 Describes training requirements established for engineers to qualify as shift technical advisors Includes info re academic sys & simulator training, & transient/accident analysis  
STALLINGS, C M Virginia Electric & Power Co 80/03/26 2pp

8003310273 Draft human engineering evaluation re control room Control room exhibited design features that are inconsistent w/human engineering stds & practices Engineering problems identified in emergency procedures  
MALLORY, K Essex Corp 80/03/27 11pp

#### G Adjudicatory correspondence

8003260557 Confirms 800221 telcon w/CJ Bishop, advising that JM Schmerling affidavit contains aspects claimed to be proprietary by Westinghouse Requests confidentiality of affidavit until claim is supported by Westinghouse  
CHRISTMAN, J N Hunton & Williams 80/02/22 2pp

8003070197 Memorandum & order directing applicant & NRC to submit in three wks justification of crack growth rate curves re analyses filed prior to cancelled 800221 hearing & statement of assumption re crack initiation timing W/Rosenthal views  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/03 9pp

8003310345 Forwards encls to NRC 800304 ltr to ASLAR re turbine disc cracking & relationship to operation of Unit 1 NRC strongly disagrees w/characterization of UCB as having extensively participated w/o encls  
SWANSON, D T Hearing Branch 1 80/03/12 1p

8003280160 Notifies that J Allen 800228 ltr is forwarded to PDR & all parties in proceeding  
QIBBON, T R Commission 80/03/13 1p

--8003280164 Discusses Westinghouse steam generator corrosion problems & Westinghouse turbine disc cracks at facilities Forwards NRC 800121 ltr re insp port installation at North Anna Units 1 & 2 & Environ Coalition 800107 news release  
ALLEN, J North Anna Environmental Coalition 80/02/28 1p

--8003280169 Requests util install insp ports on steam generators at North Anna Unit 2 prior to commercial operation start  
ROSS, D F Division of Project Management 80/01/21 3pp

#### H General correspondence

8003040081 Urges NRC to authorize util to operate facilities. Safe nuclear facilities are sitting idle while expensive oil is burned to generate electricity Energy costs are rising  
Notice from util encl w/o encl  
MCKILLAN, J D Affiliation Unknown 80/02/06 1p

8003140261 Responds to 791128 ltr to President Carter urging decision re licensing of facility Forwards NRC 800109 ltr to VA Atty General setting forth NRC position re status of DL  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

--8003140265 Forwards White House 791203 ltr transmitting JQ Owens 791128 ltr to President Carter urging decision re licensing of facility Requests comment  
RATHKOPF, C L Energy, Dept. of 80/01/25 3pp

8003310379 Submits description of organization & personnel changes made in response to NUREG-0660 & NUREG-0578  
STALLINGS, C M Virginia Electric & Power Co 80/03/26 4pp

#### K Utility Final Safety Analysis Report (FSAR) & amends

8003210331 Forwards Amend 6B to FSAR Affidavit of svc encl  
FERGUSON, J H Virginia Electric & Power Co 80/03/07 4pp

--8003210337 Amend 6B to FSAR  
\* Virginia Electric & Power Co 80/03/07 100pp

#### P Operating license stage documents & correspondence

8003140305 Submits info re Essex Corp audit of VEPCO human engineering evaluation of control room More comprehensive evaluation must be performed & assignment of backfit scheduling often does not agree w/safety interests  
MALLORY, K Essex Corp 80/03/10 5pp

8003180297 Submits primary coolant sys pressure isolation valve info re in-series check valves isolating high pressure primary coolant from low pressure injection sys piping Method of analyzing parallel check valves outlined  
STALLINGS, C M Virginia Electric & Power Co 80/03/14 4pp

#### Q Inspection reports, IF Bulletins & correspondence

8003110197 Forwards IE Insp Repts 50-338/79-48 & 50-339/79-86 on 791105-13 & 26-30 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/31 2pp

--8003110207 IE Insp Repts 50-338/79-48 & 50-339/79-86 on 791105-13 & 26-30 No noncompliance noted Major areas inspected IE circulars & notices, licensee repts & readiness for fuel loading  
KELLOGG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch KIDD, M S Region 2, Atlanta, Office of the Director 79/12/28 10pp

8003050290 Forwards IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050261 IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted Major areas inspected diesel generators & charging pumps, concrete testing, IE bulletins & followup on deficiencies  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch MCFARLAND, C F Region 2, Atlanta, Office of the Director 80/01/24 6pp

8003170066 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120048 Forwards IF Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180089 Forwards IF Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003050328 Ack receipt of 800208 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-338/79-52 & 50-339/79-58  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/20 1p

# DOCKETED ITEMS

195

--8003050337 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-338/79-52 & 50-339/79-58 Corrective actions station manager will assume const reporting responsibility  
STALLINGS, C M Virginia Electric & Power Co 80/02/08 2pp

--8003050344 Forwards IE Insp Repts 50-338/79-52 & 50-339/79-58 on 791203-21 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/16 2pp

--8003050352 Notice of violation from insp on 791203-21  
\* Region 2, Atlanta, Office of the Director 80/01/11 1p

--8003050357 IE Insp Repts 50-338/79-52 & 50-339/79-58 on 791203-21 Noncompliance noted failure to review potentially reportable matters for applicability  
KELL, G. P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch KIDD, M S Region 2, Atlanta, Office of the Director 80/01/11 9pp

8003210130 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-338/79-50 & 50-339/79-59  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/26 1p

--8003210137 Responds to NRC 800117 ltr re violations noted in IE Insp Repts 50-338/79-50 & 50-339/79-59 Corrective actions repts received for processing at sys level elevated in priority for preparation & review  
STALLINGS, C M Virginia Electric & Power Co 80/02/11 2pp

--8003210138 Forwards IE Insp Repts 50-338/79-50 & 50-339/79-59 on 791210-12 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003210141 Notice of violation from insp on 791210-12  
\* Region 2, Atlanta, Office of the Director 80/01/16 1p

--8003210144 IE Insp Repts 50-338/79-50 & 50-339/79-59 on 791210-12 Noncompliance noted failure to forward licensee event repts within specified time frame  
KELL, G. P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch WEBSTER, C H Region 2, Atlanta, Office of the Director 80/01/16 6pp

8003140098 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180195 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180162 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003110560 Submits interim response to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Insp of North Anna failed to reveal time delay circuitry Surry insp not yet complete  
STALLINGS, C M Virginia Electric & Power Co 80/03/07 4pp

8003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180073 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180324 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260260 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250580 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260209 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## S Reportable occurrences, LERs & related correspondence

8003240423 Final deficiency rept re nonseismic qualification of control panels for control room air conditioning chiller units  
Chiller control panels have been seismically shake tested  
Chill assembly will be modified to insure rigidity  
STALLINGS, C M Virginia Electric & Power Co 80/02/14 2pp

8003120349 Interim deficiency rept re overstressed pipes, pipe supports & equipment nozzles identified during weight verification program required by IE Bulletin 79-14 Caused by changes in valve & operator weights Oversize chart encl  
BROWN, S C Virginia Electric & Power Co 80/03/04 5pp

8003240511 Deficiency rept re nonconformances identified during review of IE Bulletin 79-14 Found overstressed pipes, pipe supports & equipment nozzles resulting from changes in valve & operator weights Corrective action not submitted  
BROWN, S C Virginia Electric & Power Co 80/03/04 2pp

8003120598 Final deficiency rept re overstressed pipes, pipe supports & equipment nozzles identified during valve & operator weight verification program required by IE Bulletin 79-14 Caused by changes in valve & operator weights Oversize charts encl  
BROWN, S C Virginia Electric & Power Co 80/03/07 3pp

8003170461 Interim deficiency rept svc water radiation monitoring pumps for recirculation spray heat exchangers not qualified for integrated dose expected during postulated accident  
Replacement parts under consideration  
STALLINGS, C M Virginia Electric & Power Co 80/03/11 1p

8003190520 Final deficiency rept re seismic amplified response spectrum curves in some pipe stress analyses All mods completed  
BROWN, S C Virginia Electric & Power Co 80/03/17 1p

8003260346 Interim deficiency rept re improper installation of inboard & outboard shaft fans for both auxiliary feedwater pump motors B motor had been disassembled for high bearing temps during tests Motors removed for repair of shaft fans  
STALLINGS, C M Virginia Electric & Power Co 80/03/19 2pp

## U Congressional/Executive Correspondence

8003060463 Forwards ALAB-57B re facility pumphouse settlement issue, per NRC 790213 response to 790209 ltr w/o encl  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel 80/02/11 1p

8003060511 Responds to 800123 ltr re schedule for facility licensing SER will be completed & published in near future Decision to issue CL will require Commission order  
DIRCKS, W J Office of the Executive Director for Operations 80/02/13 1p

## DOCKET 50-341 ENRICO FERMI ATOMIC POWER PLANT, UNIT 2

### A Application/construction stage documents & correspondence

8003120540 Lists generic Mark I owners group documents transmitted to NRC by OE & determined to be applicable to facility by util  
TAUBER, H Detroit Edison Co 80/02/12 3pp

## DOCKETED ITEMS

8003110391 Forwards request for info re Executive Order 11988, "Floodplain Mgt." & NEPA issues. Descriptions of floodplains adjacent to site & methods used to identify floodplains are sought  
BALLARD, R L Environmental Projects Branch 1 80/02/22 4pp

8003130105 Summary of 800110-11 meeting w/util in Bethesda, MD re asymmetric LOCA loads on reactor pressure vessel support structures  
KENTNER, L L Light Water Reactors Branch 1, 80/02/22 4pp

8003040425 Forwards addl implementation schedules for TMI short-term Lesson Learned Task Force requirements & addl responses to IE Bulletin 79-08 re BWRs. Revisions will be submitted w/ schedule requirements. Drawings available in Central Files  
TAUBER, H Detroit Edison Co 80/02/29 200pp

#### F Security, medical, emergency & fire protection plans

8003110093 Responds to request concerning DC Mully inquiry re emergency planning. Commissioners endorsed NRC-EPA task force recommendation that state & local authorities emergency planning should extend 10 miles from plant  
DIRCKS, W J Office of the Executive Director for Operations 80/02/28 1p

--8003110101 Forwards DC Mully correspondence re emergency planning, for comment  
LEVIN, C Senate 79/06/11 2pp

#### G Adjudicatory correspondence

8003260449 Responds to ASLB 800215 memorandum & order. Latest estimate for DES issuance is 800315, SER 800715, FEB 801015, SER Suppl during Dec 1980 & const completion during June 1981. No agreement reached re discovery, prehearing & hearing  
BLACK, R L Hearing Branch 1, 80/03/14 1p

#### H General correspondence

8003030506 Forwards Certificate of Evc for Amend 2B to amended & substituted application for licenses  
MAYERS, B R Detroit Edison Co 80/02/25 3pp

800310304 Discusses 800319 meeting in Middletown, PA, 800320 television broadcast, & lack of NRC credibility w/citizens  
\* Affiliation Unknown 80/03/31 1p

#### G Inspection reports, IE Bulletins & correspondence

8003190630 Forwards IE Insp Rept 50-341/79-25 on 791218-21 & notice of violation  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/26 2pp

--8003190633 Notice of violation from insp on 791218-21  
\* Region 3, Chicago, Office of the Director 80/01/21 2pp

--8003190641 IE Insp Rept 50-341/79-25 on 791218-21 Noncompliance noted failure to stop work, take corrective action & establish hold points  
KNOP, R C, ERB, C M, LEE, E W K Region 3, Chicago, Office of the Director 80/01/21 12pp

8003120175 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140222 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type 11, Two-Inch Tray Adsorber Cells." Action required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110123 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." Written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190345 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110180 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120363 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260065 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits." No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260497 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260300 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003230103 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260264 Forwards IE Circular 80-04, "Securing of Treaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003100042 Interim deficiency rept re damaged penetration on assemblies. Penetration assembly manufacturer will complete review of misaligned assemblies by 800301. Util will submit final rept including disposition of each assembly  
FAHRNER, W J Detroit Edison Co 80/02/11 1p

8003040001 Ack receipt of 800123 interim deficiency rept re item on reactor auxiliary bldg reduced floor load. Util will submit addl info re why rebar was cut & initial evaluation of potential safety significance  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

8003040056 Ack receipt of 800128 interim deficiency rept re laminations in raceway hanger support steel  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

8003040518 Interim deficiency rept re nonseismic equipment installed over seismic equipment. All affected equipment identified in reactor & auxiliary bldgs. Final rept will be submitted by 800614  
FAHRNER, W J Detroit Edison Co 80/02/14 2pp

8003110367 PNO-111-80-032 on 800219, correspondents from ABC 20/20 Program will interview regional director & other members re NRC investigation into allegations of falsification of qualification records of personnel doing design work  
PHILLIP, G, FIORELLI, G, DANIELSON, D Region 3, Chicago, Office of the Director 80/02/19 1p

8003250500 Ack receipt of 800211 final deficiency rept re damaged penetrations  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003260003 Ack receipt of 800214 interim deficiency/rept re nonseismic equipment installed over seismic  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003240387 Interim deficiency rept, final evaluation rept on misaligned assemblies not yet received from manufacturer. Tube Turns Company requested addl info from util to complete disposition of penetrations. Final rept expected by 800430  
FAHRNER, W J Detroit Edison Co 80/03/13 1p

# DOCKETED ITEMS

197

DOCKET 50-344 TROJAN NUCLEAR PLANT, PORTLAND GENERAL ELECTRIC  
-----  
F Security, medical, emergency & fire protection plans  
-----

8003170437 Notifies of response to H George 790412 ltr to B Hall re  
util Sprinkler 3 1 4 Task assigned to J Klevan  
MACDOUGALL, E A Brookhaven National Laboratory 79/04/16 1p

8003270207 Provides review of suppl to fire protection safety  
evaluation Proposed mods to be completed by Oct 1980  
LAINAS, G Plant Systems Branch 80/01/24 3pp

--8003270209 Safety evaluation re incomplete items in fire protection  
program review  
\* Plant Systems Branch 80/01/24 5pp

8003280039 Requests addl info within 30 days to continue safeguards  
contingency plan review Encl withheld (ref 10CFR2 790)  
Confirmation re safeguards responsibility assignment  
requested  
SCHWENGER, A Operating Reactors Branch 1 80/03/06 2pp

8003250588 Notifies of agreement w/state & local agencies on  
outstanding issues re notification of offsite agencies  
following unusual event & written closeout summaries  
Radiological emergency response plan will be revised  
GOODWIN, C Portland General Electric Co 80/03/18 2pp

G Adjudicatory correspondence  
-----

8003190509 Forwards 800206 ltr to Director of Nuclear Reactor  
Regulation informing of plant shutdown per ASLB 791229  
order.  
JOHNSON, R W Portland General Electric Co 80/02/06 1p

--8003190513 Advises of 800205 plant shutdown due to reactor trip sys  
automatic actuation following false indication that one  
reactor coolant pump breaker had opened Operation resumed on  
same date Certificate of Svc encl  
GOODWIN, C Portland General Electric Co 80/02/06 3pp

8003130216 Substitutes licensee 790827 motion w/encl 800207 motion for  
summary disposition of Coalition for Safe Power &  
consolidated intervenors specified contentions New motion  
reflects work responsibilities changes since 790827  
JOHNSON, R W Portland General Electric Co AXELRAD, H  
Lowenstein, Newman, Reis, Axelrad & Toll 80/02/07 1p

--8003130218 Motion for summary disposition of Coalition for Safe Power  
Contentions 3, 17, 20 & 22 Requests identification of  
remaining controversial factual matters if ASLB determines  
not to grant summary disposition  
JOHNSON, R W Portland General Electric Co AXELRAD, H, CARR, A V  
Lowenstein, Newman, Reis, Axelrad & Toll 80/02/07 7pp

--8003130231 Argument & documentation in support of license 800207 motion  
for summary disposition of Coalition for Safe Power  
Contention 3 States matl facts for which there is no genuine  
issue to be heard re alleged inadequacy of NRC mods review  
\* Houston Lighting & Power Co 80/02/07 7pp

--8003130237 Affidavit re Coalition for Safe Power Contention 3 alleging  
inadequacy of NRC mods review in control bldg proceeding  
Describes purpose of work plans for each portion of proposed  
mods Prof qualification encl  
ANDERSON, R C Bechtel Power Corp (subs of Bechtel Corp)  
80/02/06 6pp

--8003130242 Affidavit re Coalition for Safe Power Contention 3 alleging  
inadequacy of NRC mods review in control bldg proceeding  
Describes plant staff & explains review of Bechtel work  
plans Prof qualifications encl  
YUNDT, C P Portland General Electric Co 80/02/07 6pp

--8003130247 Argument & documentation in support of licensee 800207  
motion for summary disposition of Coalition for Safe Power  
Contention 17 States matl facts for which there is no  
genuine issue to be heard re alleged risks of mods work  
\* Portland General Electric Co \* Lowenstein, Newman, Reis, Axelrad  
& Toll 80/02/07 6pp

--8003130252 Affidavit re Coalition for Safe Power Contention 17 alleging  
that performance of mod work in control bldg will hamper  
operators ability to respond to emergencies Describes mod  
work areas & safety measures Prof qualifications encl  
ANDERSON, R C Bechtel Power Corp (subs of Bechtel Corp)  
80/02/06 8pp

--8003130258 Affidavit re Coalition for Safe Power Contention 17 alleging  
that performance of mod work in control bldg will hamper  
operator ability to respond to emergencies Explains util  
identification of all risks Prof qualifications encl  
YUNDT, C P Portland General Electric Co 80/02/07 7pp

--8003130279 Argument & documentation in support of licensee 800207  
motion for summary disposition of Coalition for Safe Power  
Contention 20 States facts for which there is no issue to be  
heard re alleged inadequate assessment of drilling effects  
\* Portland General Electric Co \* Lowenstein, Newman, Reis, Axelrad  
& Toll 80/02/07 5pp

--8003130284 Affidavit re Coalition for Safe Power Contention 20 alleging  
inadequate assessment of drilling effects during control  
bldg mods work Evaluates drilling effects on walls shear  
capacity Prof qualifications encl  
WHITE, W H Bechtel Power Corp (subs of Bechtel Corp)  
80/02/06 7pp

--8003130291 Affidavit re Coalition for Safe Power Contention 20 alleging  
inadequate assessment of drilling effects during control  
bldg mods work Explains actions taken to avoid damage to  
walls reinforcing steel Prof qualifications encl  
ANDERSON, R C Bechtel Power Corp (subs of Bechtel Corp)  
80/02/06 8pp

--8003130297 Argument & documentation in support of licensee 800207  
motion for summary disposition of Coalition for Safe Power  
Contention 22 States facts for which there is no issue to be  
heard re alleged incomplete analysis of steel plate effects  
\* Portland General Electric Co \* Lowenstein, Newman, Reis, Axelrad  
& Toll 80/02/07 3pp

--8003130308 Affidavit re Coalition for Safe Power Contention 22 alleging  
incomplete analysis of steel plate effects on displacement  
Discusses analysis performed & explains effect of steel  
plate addition w/prof qualifications & Certificate of Svc  
WHITE, W H Bechtel Power Corp (subs of Bechtel Corp)  
80/02/06 7pp

8003130212 Advises that contrary to 800208 svc list, licensee 800206 ltr  
has been delivered to Air Courier Intl w/svc guaranteed for  
800209 Certificate of Svc encl  
JOHNSON, R W Portland General Electric Co 80/02/08 3pp

8003040659 Third set of interrogatories directed to E Rosalie, N Bell &  
Coalition for Safe Power re Phase II Requests technical  
bases for alleged inadequacy of NRC safety evaluation to  
ensure Tech Specs are not violated Certificate of Svc encl  
GRAY, J R Hearing Branch 1 80/02/28 7pp

--8003040661 Response to licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contentions 3, 17, 20 & 22  
Supports summary disposition of Contentions 3 & 17 & opposes  
motion re Contentions 20 & 22  
GRAY, J R, MCURREN, H J Hearing Branch 1 80/02/28 15pp

--8003040663 Affidavit re licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contention 3 Concurs w/licensee  
statement of matl facts in Parts II A-II F of motion re  
const work plans Prof qualifications encl  
MALHROS, M H Region 5, San Francisco, Reactor Operations Nuclear  
Support Branch 80/02/21 3pp

--8003040666 Affidavit re licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contention 17 Concurs w/licensee  
statements in RC Anderson affidavit, Paragraphs 5-10 & 12  
Agrees w/licensee facts, Parts II A-II of motion w/resume  
KNIGHT, J E Systematic Evaluation Program Branch 80/02/27 5pp

--8003040668 Affidavit re licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contention 17 Concurs w/licensee  
facts in Anderson affidavit, Paragraph 11, YunDT affidavit,  
Paragraphs 5, 11 & 12 & Part II H of motion w/resume  
CLEMENSON, F Plant Systems Branch 80/02/27 7pp

--8003040673 Affidavit re licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contention 20 Concurs w/licensee  
statement of matl facts, Paragraphs F-O, re gap between wall &  
adjacent equipment Prof qualifications encl  
KNIGHT, J E Systematic Evaluation Program Branch 80/02/27 5pp

--8003040677 Affidavit re licensee 800207 motion for summary disposition  
of Coalition for Safe Power Contention 20 Concurs w/licensee  
statements in RC Anderson affidavit, Paragraph 12 re effects  
of vibration & Part II H of motion Prof qualifications encl  
CLEMENSON, F Plant Systems Branch 80/02/27 7pp



## DOCKETED ITEMS

- 8003040683 Joint affidavit re licensee 800207 motion for summary disposition of Coalition for Safe Power Contention 20  
Concurs w/licensee statement of matl facts, Parts II D & II E  
of motion Prof qualification encl  
HERRING, K S , PERSINKO, D Engineering Branch 80/02/28 10pp
- 8003040688 Joint affidavit re licensee 800207 motion for summary disposition of Coalition for Safe Power Contention 22 Unable  
to concur w/displacements & gaps between bldgs provided by  
licensee Prof qualifications & Certificate of Svc encl  
HERRING, K S , PERSINKO, D Engineering Branch 80/02/28 10pp
- 8003280232 Forwards interrogatories directed to NRC & based on review  
of NRC safety evaluation rept re control bldg proceeding  
SANDVIK, R M Oregon, State of 80/02/28 1p
- 8003280237 Interrogatories directed to NRC re control bldg mods  
proceeding Questions NRC safety evaluation rept re  
cadvelding, electric welding of cutting in cable, spreading &  
control rooms & other related matters W/Certificate of Svc  
SANDVIK, R M Oregon, State of 80/02/28 4pp
- 8003280013 Notice of addl appearance in control bldg proceeding  
JONES, R L Bonneville Power Administration 80/03/10 1p
- 8003250302 Forwards NRC testimony of F Clemenson & JE Knight re mod  
work effects, KS Herring & D Persinko re Coalition for Safe  
Power Contentions 20, 12/13 & 16 & CM Tramwell re railroad  
spur & safety evaluation authors  
MCOURREN, H J Hearing Branch 1 80/03/17 2pp
- 8003250309 Testimony re mod work & effects on plant operation & on  
safety-related equipment Work will not hamper plant  
operator ability to properly respond to emergency Prof  
qualifications encl  
CLEMENSOM, F Plant Systems Branch KNIGHT, J E Systematic  
Evaluation Program Branch 80/03/17 80pp
- 8003250317 Testimony re relocation of railroad spur & reduction in size  
of equipment hatch under proposed mods Administrative  
controls adequate to prevent train impacting bumping post or  
control bldg west wall Prof qualifications encl  
TRAMWELL, C M Division of Operating Reactors 80/03/17 9pp
- 8003250326 Testimony identifying personnel who prepared safety  
evaluation rept & responding to ASLB question re proposed  
license condition Concurs w/inclusion of condition re  
analyses, evaluations & procedures Prof qualifications encl  
TRAMWELL, C M Division of Operating Reactors 80/03/17 7pp
- 8003250350 Testimony re Coalition for Safe Power Contentions 20, 12/13 &  
16 Addresses structural aspects of contentions re effects of  
drilling on control bldg walls capacity & effects of mod  
work on safety of operation Prof qualifications encl  
HERRING, K S , PERSINKO, D Engineering Branch 80/03/17 27pp
- 8003270506 Responses to State of OR 800228 interrogatories Includes  
statements in support of SER re possible adverse  
consequences of cadvelding activities in spreading & control  
rooms W/ affidavits, resumes & Certificate of Svc  
GRAY, J R Hearing Branch 1 80/03/18 24pp
- 8003280529 Forwards NRC 800324 testimony of KS Herring & D Persinko re  
structural adequacy of proposed mods, served on all parties &  
intervenor per 800311 prehearing conference agreement  
GRAY, J R Hearing Branch 1 80/03/24 3pp
- 8003280532 NRC testimony re structural adequacy of proposed control  
bldg mods Presents basis for requiring mods, position re  
interim operation & assessment of structural adequacy  
HERRING, K S , PERSINKO, D Engineering Branch 80/03/24 38pp
- P Operating license stage documents & correspondence
- 8003170317 Notifies that M Antonetti currently working on items re  
Indian Point 2 water supply & diesel generator protection;  
Indian Point 3 sprinkler sys, Oyster Creek sprinkler sys &  
cable spreading room & Trojan welding shield  
MACDUGALL, E A Brookhaven National Laboratory 79/09/20 1p
- 8003170197 Forwards draft NUREG-0430, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors Requests comments by 800109,  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp
- 8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp.
- 8003040653 Notifies of completion of generic bounding review re  
inadvertent safety injection during cooldown No further  
licensing action necessary since facility could most likely  
withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p
- 8003060030 Reviews inservice testing program for facility Inseries  
check valves which separate reactor coolant boundary from  
LPIS should be tested at next outage Requests response  
within 30 days Basis for request encl  
SCHWENCER, A Operating Reactors Branch 1 80/01/08 4pp
- 8003100131 Forwards safety evaluation supporting proposed design mods  
to facility Unresolved items remain  
SCHWENCER, A Operating Reactors Branch 1 80/02/14 2pp
- 8003100134 Safety evaluation supporting proposed design mods to  
facility control bldg Open items remain  
\* Operating Reactors Branch 1 80/02/14 90pp
- 8003040302 Forwards corrected Pages 23a & 19 & Sections 5 2 4, 5 4 & 5 5  
to 800214 safety evaluation re control bldg mods Fourth line  
on Page 19 should ref Section 4 instead of Section 5  
Certificate of Svc encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/15 7pp
- 8003120343 Provides combined interface shear stress tables for wall  
panels per LER 79-15 Certificate of Svc encl  
BROEHL, D J Portland General Electric Co 80/02/15 7pp
- 8003130093 Forwards safety evaluation re concrete masonry wall design  
criteria for transverse loadings & "Rept on Design Criteria  
for Masonry Walls " Discussion will take place during wk of  
800225  
SCHWENCER, A Operating Reactors Branch 1 80/02/22 4pp
- 8003130098 Safety evaluation re concrete masonry wall design criteria  
for transverse loadings  
\* Office of Nuclear Reactor Regulation 80/02/22 12pp
- 8003130103 Forwards "Rept on Design Criteria for Masonry Walls "  
COLVILLE, J Maryland, Univ of 80/02/13 1p
- 8003130111 "Rept on Design Criteria for Masonry Walls "  
COLVILLE, J Maryland, Univ of 80/02/13 39pp
- 8003030347 Forwards supplemental info re effects of degraded grid  
voltage in response to NRC 800211 request Revised  
calculations indicate that 230 kV grid voltage can be  
tolerated before safety-related equipment can be affected  
GOODWIN, C Portland General Electric Co 80/02/25 3pp
- 8003040506 Forwards safety evaluation of proposed changes to FGAR re  
physical setting of switchyard per 800204 request  
GOODWIN, C Portland General Electric Co 80/02/25 4pp
- 8003040557 Responds to NRC 800108 ltr re testing of LPIS check valves  
to determine status as pressure isolation valves Valves  
B94BA, B, C & D periodically leak tested at refueling interval  
Test procedure will be revised to include four other valves  
GOODWIN, C Portland General Electric Co 80/02/25 1p
- 8003130027 Notifies of data indicating fission gas release rate from  
LWR fuel pellets increases w/burnup No licensing action  
required for operating reactors Users of Westinghouse fuel  
must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp
- 8003200515 Notification of 800307-08 meetings w/util & Bechtel Power  
Corp in San Francisco, CA to discuss control bldg design  
mods  
TRAMWELL, C M Operating Reactors Branch 1 80/02/27 2pp
- 8003050432 Informs NRC of review of NRC safety evaluation re LER 79-15  
& preliminary review of Colville Rept Short-term test  
program is underway to confirm capacity of collar joint  
between two wythes of mortared double block masonry walls  
LINDBLAD, W J Portland General Electric Co 80/02/29 1p
- 8003050804 Forwards GE rept, "Seismic Analysis of Reactor Internals "  
Rept addresses concern re reactor supports & internal  
supports  
JANECEK, R F Commonwealth Edison Co 80/02/29 1p
- 8003050506 "Seismic Analysis of Reactor Internals "  
LIU, L K , WATZEL, N D General Electric Co 257HA718, 68/12/24  
37pp.

# DOCKETED ITEMS

199

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO,R Operating Reactors Branch 1 80/03/03 16pp

8003110540 Forwards plot showing max values of Fq vs core elevation based on revised Fy limit proposed in license Change Application 56 ECCS performance reanalysis demonstrated sufficient conservatism  
GOODWIN,C Portland General Electric Co 80/03/04 3pp

8003110519 Forwards Bechtel Drawings RBK-1,2,3 & 4 which supersede copies previously provided Drawings available in Central Files only  
GOODWIN,C Portland General Electric Co 80/03/05 1p

8003110565 Informs that testing & grouting program completed 800213 Estimates 86% fill in collar joint No wall areas contain continuous collar joint voids  
LINDBLAD,W J Portland General Electric Co 80/03/05 2pp

8003110617 Forwards info re values for ultimate compressive strength of masonry assemblies No violation of Tech Specs occurred as result of values used in accordance w/uniform bldg code  
GOODWIN,C Portland General Electric Co 80/03/06 4pp

8003200318 Forwards comments re App B of J Colville 800213 rept concerning design criteria of plant masonry walls Analysis indicates that wall 46 has capacity to resist out of plane loads during BSE event Certificate of Svc encl  
BRUEHL,D J Portland General Electric Co 80/03/15 22pp

8003250574 Forwards figures illustrating revised rod bank insertion limits,omitted from 791224 License Change Application 56  
GOODWIN,C Portland General Electric Co 80/03/17 1p

--8003250577 Figures illustrating revised rod bank insertion limits, omitted from 791224 License Change Application 56  
\* Portland General Electric Co 80/03/17 6pp

8003260520 Forwards response to NRC questions presented at 800307 asking re structural considerations for proposed mods to control bldg Overall modified complex has available capacity to satisfy 1 4 load factor DBE criteria  
BRUEHL,D J Portland General Electric Co 80/03/17 47pp

8003250558 Forwards summary tables describing reinforcing steel in shear wall panels of control auxiliary fuel bldg complex in response to NRC verbal request  
BRUEHL,D J Portland General Electric Co 80/03/20 33pp

8003260639 Forwards info provided by Bechtel re design criteria for A-frame support for movement of Plate 8 from equipment hatch in turbine bldg to position for securing to plate support frames  
BRUEHL,D J Portland General Electric Co 80/03/21 2pp

## Q Inspection reports, IE Bulletins & correspondence

8003100055 Forwards final response to IE Bulletin 79-17, "Pipe Cracks in Stagnant Dewatered Water Sys at PWR Plants " Ultrasonic & liquid penetrant examinations were performed on approx 13% of all accessible welds on 2 5-inch piping No cracks found  
GOODWIN,C Portland General Electric Co 79/11/21 7pp

8003130579 Forwards response to IE Bulletin 79-02,Revision 1,Supp 1. Repairs completed on five of 11 pipe supports w/anchor bolt safety factors less than two, & eight of 49 supports w/factors less than five Revision 2 response forthcoming  
BRUEHL,D J Portland General Electric Co 79/11/21 26pp

8003120703 Response to IE Bulletin 79-25 Util does not use,or plan to use Westinghouse BFD relays  
GOODWIN,C Portland General Electric Co 79/12/17 1p

8003060292 Forwards revised pages to 791121 response to IE Bulletin 79-02,Revision 1 re pipe support base plates using concrete expansion anchor bolts Table summarizing results of re-evaluation analyses encl  
BRUEHL,D J Portland General Electric Co 80/01/03 3pp

8003110298 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/02/08, 1p

8003100039 Forwards safety analysis & notifies that plant evaluation re cracking in feedwater sys piping complete Nondestructive insp & analyses performed & acceptable pending owner's group & NRC Pipe Crack Study Group recommendations  
SCHWENGER,A Operating Reactors Branch 1 80/02/12 4pp

8003110397 Forwards IE Insp Rept on 800126-30 & 791211 & 12 Noncompliance noted Notice of violation withheld (ref 10CFR2 790) Notice of proposed imposition of civil penalties encl W/o insp rept  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/15 2pp

--8003110402 Notice of proposed imposition of civil penalties re items of noncompliance resulting from insp on 800126-30, 791211 & 12  
\* Office of Inspection & Enforcement, Office of the Director 80/02/15 1p

8003050446 Corrects 791030 response to IE Bulletin 79-14 Results of total verification for complex piping will be available wk of 800414  
GOODWIN,C Portland General Electric Co 80/02/27 2pp

8003280119 Notifies that computer input verification of all piping within control-auxiliary-fuel bldg complex per IE Bulletin 79-14 to be completed prior to insp of remaining piping inside containment,rather than by 800131  
GOODWIN,C Pacific Gas & Electric Co 80/02/27 2pp

8003120276 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140309 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/02/29 7pp

8003280054 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Instrument & control sys power supply buses analysed & design changes separating power supplies indicated  
GOODWIN,C Portland General Electric Co 80/02/29 2pp

8003180221 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/06 1p

8003140377 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003170334 Forwards info re environ qualification of Class IE equipment in response to reporting requirement of IE Bulletin 79-01B Info includes list of Class IE components required to function under accident resulting in harsh environ  
GOODWIN,C ,LENTECH,J W ,CHRISTENSEN,S Portland General Electric Co 80/03/07 500pp

8003180018 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003180113 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/07, 1p.

8003260568 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks. " Action & written response required  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003310130 Forwards IE Insp Rept 50-344/80-03 on 800215 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDBERHAUG,L R Region 5, San Francisco, Safeguards Branch 80/03/10 2pp

8003260384 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required,  
ENGELKEN,R H Region 5, San Francisco, Office of the Director 80/03/13 1p

## DOCKETED ITEMS

8003250158 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
ENDELKEN, R. H. Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260347 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
ENDELKEN, R. H. Region 5, San Francisco, Office of the Director  
80/03/14 1p

#### R Periodic operating reports & related correspondence

8003050471 Forwards "Operational Environ Radiological Monitoring Program, 1979 Annual Rept."  
GORDWIN, C. Portland General Electric Co. 80/02/29 1p

--8003050477 "Operational Environ Radiological Monitoring Program, 1979 Annual Rept."  
KOHL, K. A., CHANDRASEKARAN Eberline Instrument Corp. 80/03/31 79pp

8003040208 Annual Rept 1979  
Portland General Electric Co. 80/03/01 150pp

8003110584 Forwards "Operational Environ Radiological Surveillance Program 1979 Annual Rept."  
SULLIVAN, R. L. Portland General Electric Co. 80/03/03 1p

--8003110586 Operational Environ Radiological Surveillance Program 1979 Annual Rept."  
KOHL, K. A., CHANDRASEKARAN Portland General Electric Co.  
PGE-1006-79 80/03/31 30pp

8003110648 Forwards monthly operating rept for Feb 1980  
YUNDT, C. P. Portland General Electric Co. 80/03/03 1p

--8003110650 Monthly operating rept for Feb 1980  
BAIR, G. G. Portland General Electric Co. 80/03/03 4pp

#### S Reportable occurrences, LERs & related correspondence

8003170171 EN-80-004 notice of violation & notice of proposed imposition of civil penalties to be issued for License NPF-1 Action based on three items of noncompliance re security program & unauthorized individual in protected area  
BROCKETT, T. W., OWER, G. C. Office of Inspection & Enforcement, Office of the Director 80/02/12 1p

8003110578 Forwards LER 80-001/03L-0  
YUNDT, C. P. Portland General Electric Co. 80/02/29 2pp

--8003110580 LER 80-001/03L-0 on 800204, during surveillance testing, B train DBA sequencer failed to start two loads caused by binding collar. Collar adjusted & procedures revised to require manual check & reset of sequencers after operation  
PERRY, J. C. Portland General Electric Co. 80/02/29 2p

8003130383 Forwards LER 80-002/03L-0  
YUNDT, C. P. Portland General Electric Co. 80/03/07 2pp

--8003130387 LER 80-002/03L-0 on 800207, during routine insp, flexible jacket cooling water hose found broken on diesel driven auxiliary feedwater pump. Probably caused by natural end of life. Hose replaced  
PERRY, J. C. Portland General Electric Co. 80/03/07 2pp

8003170306 Forwards LER 80-003/03L-0  
YUNDT, C. P. Portland General Electric Co. 80/03/10 2pp.

--8003170308 LER 80-003/03L-0 on 800219, functional check on reactor protection sys instrumentation identified pressurizer pressure transmitter PT-457 setpoints exceeding Tech Specs. Caused by instrument drift. Transmitter recalibr.  
PERRY, J. C. Portland General Electric Co. 80/03/10 1p

#### T Hearing transcripts on non-antitrust matters

8003250184 Transcript of 800311 hearing in Portland, OR. Pp 3, 451-3, 590  
MILLER, M. E. Atomic Safety and Licensing Board Panel. 80/03/11 14pp

8003250178 Transcript of 800312 hearing in Portland, OR. Pp 3, 591-3, 639  
MILLER, M. E. Atomic Safety and Licensing Board Panel. 80/03/12 43pp

#### DOCKET 50-346 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 1

##### Q Adjudicatory correspondence

8003250342 Informs that licensees concur w/NRC 790627 denial of T McCormack 790303 & 0607 hearing requests. Hearing is not required by law, public policy, or factual context involved. Hearing is unnecessary & unwarranted.  
PLEASANT, E. M. Shaw, Pittman, Potts & Trowbridge 79/06/28 3pp

7910310125 Urges denial of intervenor Toledo Coalition for Safe Energy request for action per 10CFR2.206 Emergency plan is in full compliance w/NRC requirements App A, until response to allegations of Coalition encl.  
CHURCHILL, B. W., O'NEILL, J. H. Cleveland Electric Illuminating Co.  
O'NEILL, J. H. Toledo Edison Co. 79/07/16 25pp

8003140324 Forwards V Stello 800305 order modifying license, effective immediately  
STELLO, V. Office of Inspection & Enforcement, Office of the Director 80/03/05 1p

--8003140337 Order modifying license, effective immediately. Fully qualified equipment operators will be appointed for shifts, on-the-job training schedule will be expedited & fully trained personnel will be provided per draft ASNI Std G 1  
STELLO, V. Office of Inspection & Enforcement, Office of the Director 80/03/05 7pp

##### H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2. Provides list of all B&W designed plants.  
BENTON, H. R. Office of Nuclear Reactor Regulation 80/02/14 1p

8003250076 Responds to 790924 request for info re plans for power plants in OH, disposal of radwaste & risks to public health & safety. Provides info re plants in OH. Forwards excerpt from NRC 1978 Annual rept re radwaste disposal.  
BENTON, H. R. Office of Nuclear Reactor Regulation 80/02/19 13pp

##### J Insurance & indemnity information

8003180360 Forwards certified Endorsement 32 to NELIA Policy NF-236  
CORREA, C. Marsh & McLennan, Inc., M & M Nuclear Consultants, Inc. Div.  
80/03/10 2pp

##### M Antitrust correspondence

781130230 OH applicants' comments on OH statute requiring certification of exclusive svc territories for elec light companies. Initial decision should be reversed & amended. House Bill 577 be enacted.  
REYNOLDS, W. B. Toledo Edison Co. 78/11/03 13pp

8003070329 Advises that petitions for ALAB-560 review are deemed denied due to elapse of time for Commission to act on matter.  
CHILK, S. J. Office of the Secretary of the Commission 80/03/04 1p

##### P Operating license stage documents & correspondence

7906250101 Requests assessment of safety of continued operation of B&W reactor based on performance of relief & safety valves, performance of HPI pumps, reliability of auxiliary feedwater & core cooling in natural circulation.  
ROSS, D. Division of Project Management 79/05/08 2pp

8001030044 Forwards request for addl info re automatic trip circuitry for reactor coolant pump motors. Info needed prior to design acceptability Ltr transmitted to utility responsible for Oconee, Crystal River, TMI, Davis-Besse & AK 1  
REID, R. W. Operating Reactors Branch 4 79/12/18 6pp

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors. Requests comments by 800109.  
EISENHUT, D. G. Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D. A. Core Performance Branch 79/11/30 106pp

# DOCKETED ITEMS

201

8003100021 Notification of 800221 meeting w/B&W in Bethesda, MD to discuss BAW-1584, "Auxiliary Feedwater Sys Reliability Analyses-Genetic Rept for Plants w/B&W Reactors" CAPRA, R A Standardization Branch 80/02/13 1p

8003190197 Confirms arrangements for 800229 meeting in Glen Ellyn, IL to discuss schedules, milestones & accomplishments of program to improve & promote better mgt at site & results of recent security insp KEPLER, J G Region 3, Chicago, Office of the Director 80/02/16 1p

8003190429 Notification of 800313 meeting w/B&W in Bethesda, MD to discuss small break operating guidelines CAPRA, R A Standardization Branch 80/02/22 1p

8003310133 Notification of cancellation of 800313 meeting w/B&W in Bethesda, MD to discuss small break LOCA operating guidelines CAPRA, R A Assistant Director for Standard & Advanced Reactors 80/02/22 1p

8003040484 Forwards "Structural Effects of ATHS Overpressure Transients in Byron Jackson Primary Pumps," addendum to "Analysis of B&W Nuclear Steam Sys Response to ATHS Events" TAYLOR, J H Babcock & Wilcox Co 80/02/26 1p

--8003040498 "Structural Effects of ATHS Overpressure Transients in Byron Jackson Primary Pumps" \* Babcock & Wilcox Co BAW-1610 80/02/01 31pp

8003040482 Responds to NRC 791218 ltr re automatic reactor coolant pump trip during small break LOCA Will not presently commit to install safety-grade trip control sys Will continue current manual tripping of reactor coolant pumps CROUSE, R P Toledo Edison Co 80/02/27 1p

8003130505 Requests payment of addl fee for 791206 application for amend to License NPF-3 re organizational changes in Tech Specs MILLER, W D License Fee Management Branch 80/02/28 1p

8003100133 Forwards Class 4 amend fee CROUSE, R P Toledo Edison Co 80/03/03 1p

8003200007 Summary of 800111 meeting w/Dechtcl & licensees re masonry wall & pipe support structural interdisciplinary coordination LICCIARDI, R Operating Reactors Branch 1 80/03/03 16pp

8003180361 Forwards application for amend to License NPF-3 clarifying required util action & altering info submittal date for seismic re-evaluation Class II fee encl CROUSE, R P Toledo Edison Co 80/03/04 1p

--8003180364 Application to amend License NPF-3, extending submittal date for seismic reanalysis & evaluation to 801201 & clarifying util action required CROUSE, R P Toledo Edison Co 80/03/04 3pp

8003180350 Forwards response to NRC 800306 questions re 800226 transient at Crystal River Unit 3 Reviews occurrence of power supply failure affecting non-nuclear instrumentation/integrated control sys & susceptibility to similar event CROUSE, R P Toledo Edison Co 80/03/12 10pp

8003180339 Forwards check for Class III license fee in response to 800110 ltr CROUSE, R P Toledo Edison Co 80/03/14 1p

8003210442 Followup response to NRC 791117 request for addl info re containment purge & vent sys Containment penetrations for purge sys are located in Rooms 601 & 427 of auxiliary bldg Room 427 environ is less severe than calculated in FBAR CROUSE, R P Toledo Edison Co 80/03/14 2pp

8003240385 Responds to NRC 800304 ltr re Crystal River 800226 transient Util committed to installing indicating lights on all vital sys feeds during outage of sufficient duration after engineering & matl is available CROUSE, R P Toledo Edison Co 80/03/17 4pp

8003280471 Responds to 800223 ltr re LWR primary coolant sys pressure isolation valves Describes monitoring & test requirements Sys operation precludes partial stroke testing when RCB pressure is greater than decay heat sys pressure CROUSE, R P Toledo Edison Co 80/03/21 3pp

8003280560 Forwards responses to requests & questions raised during NRC 800225 & 26 site visit to review util implementation of Lessons Learned Task Force short-term recommendations CROUSE, R P Toledo Edison Co 80/03/21 4Bpp

8003280475 Provides commitment to addl actions re Crystal River 800226 transient Monitoring & test requirements & correction of electrical deficiencies will be completed during 800410 refueling outage CROUSE, R P Toledo Edison Co 80/03/24 2pp

Q Inspection reports, IF Bulletins & correspondence

8003110148 Forwards IF Insp Rept 50-346/79-31 on 791203/07, 10-14, 17-21, 24-28 & 31 No noncompliance noted HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/01/30 2pp

--8003110156 IE Insp Rept 50-346/79-31 on 791203-07, 10-14, 17-20, 24-28 & 31 No noncompliance noted Major areas inspected plant operations, physical protection, followup on event repts, nuclear instrumentation calibr & MPI line restraint work TAMBLING, T N, REYES, L A Region 3, Chicago, Office of the Director 80/01/29 5pp

8003140470 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required KEPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190041 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120190 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140252 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110143 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190364 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003270246 Forwards IE Insp Rept 50-346/79-30 on 791203-07, 11-13 & 19-20 & notice of violation HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/12 2pp

--8003270248 Notice of violation from insp on 791203-07, 11-13 & 19-20 \* Region 3, Chicago, Office of the Director 80/02/04 1p

--8003270253 IE Insp Rept 50-346/79-30 on 791203-07, 11-13 & 19-20 Noncompliance noted failure to comply w/record control requirements, maintain control of drawings & conduct required reviews JACKMAN, I N, MCGREGOR, L O, SWANSON, E R Region 3, Chicago, Office of the Director 80/02/04 21pp

8003070086 Ack receipt of 800201 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-346/79-29 HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/16 1p

--8003070089 Responds to NRC 800104 ltr re violation noted in Insp Rept 50-346/79-29 Corrective action bistable setpoints properly reset CROUSE, R P Toledo Edison Co 80/02/01 2pp

8003190716 Summary of 791108 meeting w/B&W owners group in Bethesda, MD re responses to IE Bulletin 79-05C CAPRA, R A Standardization Branch 80/02/24 11pp

## DOCKETED ITEMS

8003120693 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120426 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140333 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003280625 Forwards partial response to IE Bulletin 79-27 Employs administrative controls which ensure operability of safety sys No recommended design changes for inverter sys at present time  
CROUSE, R P Toledo Edison Co 80/03/03 5pp

8003180249 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260193 Forwards IE Info Notice 80-09 "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260512 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260551 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260420 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250121 Forwards IE Info Notice 80-11, "Generic Problems W/ASCD Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260270 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003280460 Forwards seismic analysis for as-built safety-related piping sys in response to IE Bulletin 79-14 Reanalysis indicates no deficiency exists which might adversely affect operability of any safety-related sys  
CROUSE, R P Toledo Edison Co 80/03/25 3pp

#### R Periodic operating reports & related correspondence

8003040168 Forwards "Semiannual Radioactive Liquid & Gaseous Release Rept, Jul-Dec 1979 "  
MURRAY, T D Toledo Edison Co 80/02/20 1p

--8003040172 "Semiannual Effluent & Waste Disposal Rept, Jul-Dec 1979 "  
\* Toledo Edison Co 79/12/31 51pp

8003130461 Forwards monthly operating rept for Feb 1980  
MURRAY, T D Toledo Edison Co 80/03/07 1p

--8003130467 Monthly operating rept for Feb 1980  
CABA, E, SARAGOUR, B Toledo Edison Co 80/03/07 8pp

8003310146 Forwards "Annual Environ Operating Rept 1979 " No unusual conditions for western Lake Erie & plant site area indicated.  
CROUSE, R P Toledo Edison Co 80/03/28 2pp

--8003310151 "Annual Environ Operating Rept 1979 " Oversize drawings encl  
\* Toledo Edison Co 79/12/31 400pp

#### S Reportable occurrences, LERs & related correspondence

8003190166 PNO-111-80-026A on 800210, unit returned to operation Failed components of turbine electronic overspeed protection circuit replaced, steam generator feedwater control circuits adjusted & sys walkdown completed  
REYES, L A, TANSILING, T H, HEISHMAN, R F Region 3, Chicago, Office of the Director 80/02/11 1p

8003040471 RO reanalysis of RCS pipe restraints revealed less conservative design than assumed on two reactor coolant hot leg whip restraints near steam generator tops Cause unstated Action during refueling outage in eight wks  
MURRAY, T D Toledo Edison Co 80/02/15 1p

8003040609 Forwards LER 80-010/01T-0  
MURRAY, T D Toledo Edison Co 80/02/26 1p

--8003040616 LER 80-010/01T-0 on 800214, reanalysis of RCS pipe restraints per IE Insp Rept 80-346/79-23 revealed design deficiency on two reactor coolant hot leg pipe whip restraints at top of each RCS hot leg Caused by design error  
MEKDEL, C I Toledo Edison Co 80/02/26 4pp

8003040579 Forwards LER 80-012/03L-0  
MURRAY, T D Toledo Edison Co 80/02/28 1p

--8003040590 LER 80-012/03L-0 on 800201, operator noticed loss of control room position indication for letdown cooler isolation valve MU2A Caused by design deficiency Apparently, someone brushed up against disconnect breaker switch Switch repositioned  
STOUT, J C Toledo Edison Co 80/02/28 3pp

8003040597 Forwards LER 80-011/03L-0  
MURRAY, T D Toledo Edison Co 80/02/28 1p

--8003040605 LER 80-011/03L-0 on 800131, during normal operation, operations personnel received half trip on steam & feedwater rupture control sys channels 1/3 Caused by spurious trip from +25 volt dc power supply P503 in 60LiC channel 1  
TRAUTMAN, D Toledo Edison Co 80/02/28 2pp

8003110559 Forwards revised LER 79-130/01T-1  
MURRAY, J D Toledo Edison Co 80/03/06 1p

--8003110562 Revised 79 130/01T-1 on 791227, clearance between RCS hot leg & four large shims of pipe whip restraints R-4 determined to be insufficient Caused by design error Pipe whip restraints R1 & R4 modified & R3 shim removed  
DIETERICH, K L Toledo Edison Co 80/03/06 3pp

8003110566 Forwards revised LER 79-018/03L-1  
MURRAY, T D Toledo Edison Co 80/03/06 1p

--8003110567 Revised LER 79-018/03L-1 on 780208, during diesel generator monthly test, diesel generator 1-1 made unusual noises Caused by roller clutch failure in turbocharger Diesel generator 1-1 turbocharger replaced  
HARTIGAN, J Toledo Edison Co 78/03/07 3pp

8003110626 Forwards LER 80-014/03L-0  
MURRAY, T D Toledo Edison Co 80/03/06 1p

--8003110628 LER 80-014/03L-0 on 800208, pressurizer sample sys containment isolation valve RC240B failed to close twice Caused by improper torque switch setting & stripped screw on closing contactor Settings readjusted & switch replaced  
RUDOLPH, J P Toledo Edison Co 80/03/06 3pp

8003110635 Forwards revised LER 79-046/03L-1  
MURRAY, T D Toledo Edison Co 80/03/06 1p

--8003110637 Revised LER 79-046/03L-1 on 790330, during surveillance testing, diesel generator 1-1 began making loud noises & was declared inoperable Caused by bearing failure in turbocharger Turbocharger replaced  
HARTIGAN, J P Toledo Edison Co 79/04/25 3pp

8003110684 Forwards LER 80-013/03L-0  
MURRAY, T D Toledo Edison Co 80/03/06 1p

# DOCKETED ITEMS

203

--8003110485 LER 80-013/03L-0 on 800208, w/reactor startup in progress, personnel noted control rod 5-11 absolute position indication was not responding Caused by blown fuse F14 in position ref panel  
WERNER, J Toledo Edison Co 80/03/06 2pp

8003140284 Forwards LER 80-015/03L-0  
MURRAY, T D Toledo Edison Co 80/03/07 1p

--8003140330 LER 80-015/03L-0 on 800210, during normal startup, control rod 5-11 absolute position indication declared inoperable Caused by numerous asymmetric rod alarms Data from current failure evaluated  
WERNER, J Toledo Edison Co 80/03/07 2pp

8003180502 Forwards LER 80-016/03L-0  
MURRAY, T D Toledo Edison Co 80/03/12 1p

--8003180508 LER 80-016/03L-0 on 800213, while reviewing station log, shift Foreman discovered that containment airlock seal leakage test had not been performed after last entry into containment during startup Caused by procedural inadequacy  
BRODMAN, D H Toledo Edison Co 80/03/12 3pp

8003170401 Forwards LER 80-017/03L-0  
MURRAY, T D Toledo Edison Co 80/03/13 1p

8003280482 Forwards revised LER 79-105/01T-2  
MURRAY, T D Toledo Edison Co 80/03/20 1p

--8003280496 Revised LER 79-105/01T-2 on 791109, during review of IE Bulletin 79-21 response, low level trip setpoints to steam & feedwater rupture control sys Channels 1 & 2 exceeded Tech Specs Caused by setpoint determination method error  
TRAUTMAN, D Toledo Edison Co 79/11/21 4pp

8003280508 Forwards LER 80-018/03L-0  
MURRAY, T D Toledo Edison Co 80/03/25 1p

--8003280538 LER 80-018/03L-0 on 800226, safety features actuation sys Channel 3 boraed water storage tank level indication was discovered reading four feet higher than other three channels Caused by inadequate design of freeze protection  
HILL, B F Toledo Edison Co 80/03/25 3pp

## U Congressional/Executive Correspondence

8003110135 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2 W/o encl  
AHEARNE, J F Commission 80/02/22 2pp

--8003110165 Provides Subcommittee on Nuclear Regulation w/info re 800205 request concerning notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee & actuation of pressure injection sys at TMI-2  
AHEARNE, J F Commission 80/02/22 18pp

--8003110214 Discusses areas of interest for formal rept re 770924 AD  
ROSS, D F Division of Systems Safety 77/10/20 1p

--8003110268 Requests info re notification & followup activities for 750613 & 770924 transient events at Davis-Besse & Oconee, & actuation of pressure injection sys at TMI-2  
HART, G Senate, Environment & Public Works 80/02/05 2pp

## DOCKET 50-348 JOSEPH M FARLEY NUCLEAR PLANT, UNIT 1

### J Insurance & indemnity information

8003260304 Unexecuted Amend 6 to Indemnity Agreement B-B1, changing dates of policy coverage  
BALTZMAN, J Antitrust & Indemnity Group 80/03/12 1p

8003250431 Forwards Endorsement 22 to MAELU Policy MF-93  
FIEDLER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/03/20 3pp

8003250434 Forwards Endorsement 23 to MAELU Policy MF-93  
FIEDLER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc Div 80/03/20 2pp

## K Utility Final Safety Analysis Report (FSAR) & amends

8003100187 Forwards Amend 72 to Unit 1 FSAR & Unit 2 OL application Certificate of Svc encl  
CLAYTON, F L Alabama Power Co 80/03/07 5pp

--8003100191 Amend 72 to FSAR  
\* Alabama Power Co 80/03/07 390pp

## P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to Fuel vendors Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003060612 Notifies of completion of generic bounding review re inadvertent safety injection during cooldown No further licensing action necessary since facility could most likely withstand more than 50 ECCS actuations  
SCHWENCER, A Operating Reactors Branch 1 79/12/28 1p

8003190885 Requests addl info for NRC review of facility 791008 safeguards contingency plan info withheld (10CFR2 790)  
SCHWENCER, A Operating Reactors Branch 1 80/02/12 2pp

8003130012 Notifies of data indicating fission gas release rate from LWR fuel pellets increases w/burnup No licensing action required for operating reactors Users of Westinghouse fuel must quantify burnup if new design criteria violated  
SCHWENCER, A Operating Reactors Branch 1 80/02/25 2pp

8003030372 Forwards proposed Tech Spec amend, deleting motor driven auxiliary feedwater pumps auto start signal from Section 4 7 1 2 2 Signal is not required in any accident analysis Class III fee encl  
CLAYTON, F L Alabama Power Co 80/02/28 2pp

--8003050374 Proposed Tech Spec amend, deleting motor driven auxiliary feedwater pumps auto start signal from Section 4 5 1 2 2  
\* Alabama Power Co 80/02/28 1p

8003240445 Forwards NRC 791207 ltr to util re granting of relief from certain ASME code requirements W/o encl  
SCHWENCER, A Operating Reactors Branch 1 80/02/28 1p

8003120552 Requests that ref to auxiliary feedwater pump auto start tripping function be deleted from 791214 ltr  
CLAYTON, F L Alabama Power Co 80/03/03 2pp

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003180596 Forwards 800304 NPDES noncompliance rept for sewage treatment plant effluent  
CLAYTON, F L Arkansas Power & Light Co 80/03/11 2pp

8003260556 Forwards supplemental response committing to Category A requirements of NUREG-0578, short-term Lessons Learned requirements  
CLAYTON, F L Alabama Power Co 80/03/14 36pp

8003200441 Forwards response to NRC 800225 ltr re potential turbine disc cracking in operating Westinghouse nuclear low pressure turbine Affidavit & nonproprietary version encl Proprietary version withheld (ref 10CFR2 790)  
CLAYTON, F L Alabama Power Co 80/03/18 15pp

8003250514 Advises that date of 800315 for response to NRC 791013 ltr re auxiliary feedwater sys cannot be met, as previously promised Response will be submitted by 800331  
CLAYTON, F L Alabama Power Co 80/03/19 1p

## Q Inspection reports, IE Bulletins & correspondence

8003110178 Forwards IE Insp Repts 50-348/79-39 & 50-364/79-20 on 791212-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/31 2pp

## DOCKETED ITEMS

- B003110184 IE Insp Repts 50-348/79-39 & 50-364/79-20 on 791212-14 No noncompliance noted Major areas inspected preoperational testing activity & general site familiarization  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch JULIAN, C Region 2, Atlanta, Office of the Director 79/12/28 3pp
- B003310393 Forwards IE Insp Rept 50-348/79-41 on 791210-14 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/18 2pp
- B003310398 IE Insp Rept 50-348/79-41 on 791210-14 Noncompliance noted intrusion alarm test not conducted during period examined  
Details withheld (ref 10CFR2 790)  
TOBIN, W J Region 2, Atlanta, Safeguards Branch HOWELL, J C Region 2, Atlanta, Office of the Director 80/01/17 1p
- B003050341 Forwards IE Insp Rept 50-348/79-46 on 791227 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/21 2pp
- B003050349 IE Insp Rept 50-348/79-46 on 791227 No noncompliance noted Major areas inspected activities re IE Bulletin 79-17  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ECONOMOS, N Region 2, Atlanta, Office of the Director 80/01/17 3pp
- B003140154 Forwards IE Insp Repts 50-348/79-45 & 50-364/79-22 on 791203-29 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/24 2pp
- B003140163 IE Insp Repts 50-348/79-45 & 50-364/79-22 on 791203-29 No noncompliance noted Major areas inspected plant operations, Unit 2 preoperational startup test program & physical security  
BRADFORD, W H Region 2, Atlanta, Office of the Director MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/23 4pp
- B003170003 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp
- B003190078 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- B003110501 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p
- B003180107 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp
- B003180022 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- B003190386 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- B003250200 Ack receipt of B00104 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-348/79-37 & 50-364/79-17  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/08 2pp
- B003250212 Responds to NRC 791206 ltr re violations noted in IE Insp Repts 80-348/79-37 & 50-364/79-17 Corrective actions review responsibilities have been redistributed to larger number of personnel  
CLAYTON, F L Alabama Power Co 80/01/04 2pp.
- B003250219 Forwards IE Insp Repts 50-348/79-37 & 50-364/79-17 on 791113-16 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/06 2pp
- B003250241 Notice of violation from insp on 791113-16  
\* Region 2, Atlanta, Office of the Director 79/12/05 1p
- B003250250 IE Insp Repts 50-348/79-37 & 50-364/79-17 on 791113-16 Noncompliance noted failure to follow procedures on surveillance program administrative control  
MARTIN, R D, HODIN, B T, BRADFORD, W H Region 2, Atlanta, Office of the Director 79/12/05 6pp
- B003140474 Forwards IE Info Notice 79-37, "Cracking in Low Pressure Turbine Discs" w/errata sheet & request for info related to turbine disc cracks Reply requested within 20 days  
EISENHUT, D G Division of Operating Reactors 80/02/25 3pp
- B003140035 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- B003240051 Responds to IE Bulletin 79-17, Revision 1, "Pipe Cracks in Stagnant Bore Water Sys at PWR Plants " No indications of stress corrosion cracking found in sample welds  
CLAYTON, F L Alabama Power Co 80/02/27 1p
- B003210586 Notifies that responses to IE Bulletin 79-01 Items 1, 2 & 3 will be submitted B00602 & responses to Items 4 & 5 will be submitted B00901  
CLAYTON, F L Alabama Power Co 80/02/28 1p
- B003180187 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class 1E Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- B003180307 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- B003240265 Requests extension of two wks for response to IE Bulletin 79-27  
CLAYTON, F L Alabama Power Co 80/03/03 1p
- B003240020 Responds to IE Bulletin 80-03, "Loss of Charcoal From Std Type 2, 2 Inch Tray Adsorber Cells " No visual insp performed on filtration units Physical examination of remaining filter cells revealed no degradation of screen to frame bond  
CLAYTON, F L Alabama Power Co 80/03/05 3pp
- B003180107 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp
- B003140402 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- B003180067 Forwards IE Info Notice 80-07, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- B003180121 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- B003270018 Forwards IE Bulletin 80-09, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p
- B003260409 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp
- B003250540 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

205

8003260212 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## R Periodic operating reports & related correspondence

8003110574 Forwards, "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 "  
CLAYTON, F L Alabama Power Co 80/02/27 1p

--8003110577 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 "  
\* Alabama Power Co 80/02/27 52pp

8003040515 Forwards "Annual Nonradiological Environ Operating Rept," 1979  
CLAYTON, F L Alabama Power Co 80/02/29 1p

--8003040522 "Annual Nonradiological Environ Operating Rept," 1979  
\* Alabama Power Co 80/02/29 106pp

8003050449 Forwards "Annual Rept of Radiation Dose Distribution for Personnel, 1979 "  
CLAYTON, F L Alabama Power Co 80/02/29 1p

--8003050457 "Annual Rept of Radiation Dose Distribution for Personnel, 1979 "  
\* Alabama Power Co 80/02/29 1p

8003180427 Forwards errata to "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979" & "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1978 "  
CLAYTON, F L Alabama Power Co 80/03/07 1p

--8003180433 Errata to "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 " Includes portion of Table 4A re batch release mode meteorological data  
\* Alabama Power Co 80/03/07 29pp

--8003180438 Corrected pages for "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1978 " Includes Tables 1A, 1B, 1C & 2A  
\* Alabama Power Co 80/03/07 4pp

8003180599 Forwards batch release mode meteorological data portion of Table 4A, for inclusion in "Semiannual Radioactive Release Rept" for second half of 1979 Also forwards corrected tables for rept for second half of 1978  
CLAYTON, F L Alabama Power Co 80/03/07 1p

--8003180606 Batch release mode meteorological data for inclusion in "Semiannual Radioactive Release Rept," Table 4A, for second half of 1979  
\* Alabama Power Co 79/07/30 28pp

8003190459 Forwards monthly operating rept for Feb 1980  
CLAYTON, F L Alabama Power Co 80/03/14 1p

--8003190462 Monthly operating rept for Feb 1980  
HAIRSTON, W G Alabama Power Co 80/03/01 11pp

## S Reportable occurrences, LERs & related correspondence

8003050014 Forwards LERs 80-007/03L-0, 80-009/03L-0, 80-010/03L-0, 80-011/03L-0, 80-012, 80-013/03L-0 & 80-014/03L-0  
CLAYTON, F L Alabama Power Co 80/02/29 1p

--8003050020 LER 80-007/03L-0 on 800202, during train B diesel generator loss of sys pressure test, svc water pump ID failed to auto start & would not manually start Caused by test equipment short circuiting sequencer relay contacts Equipment removed  
HAIRSTON, W G Alabama Power Co, 80/02/29 1p

--8003050026 LER 80-009/03L-0 on 800201, during loss of offsite power surveillance test, output breaker for diesel generator 1B failed to auto close Caused by misaligned mechanism operated contact switch Switch realigned  
HAIRSTON, W G Alabama Power Co 80/02/29 2pp

--8003050032 LER 80-010/03L-0 on 800201, during train A diesel generator loss of sys pressure test, flow control valves failed to open automatically on pump auto start Caused by misaligned mechanism operated contact switch Switch realigned  
HAIRSTON, W G Alabama Power Co 80/02/29 2pp

--8003050040 LER 80-011/03L-0 on 800202, during safety injection w/loss of sys pressure test w/bubble in pressurizer, containment isolation valve 1-SW-MGV-3134 failed to close fully Caused by motor control ctr breaker thermal overload trip  
HAIRSTON, W G Alabama Power Co 80/02/29 1p

--8003050045 LER 80-012/03L-0 on 800201, during A train loss of offsite power test, 1B component cooling water pump failed to auto start Caused by improper positioning of 1C CCW pump handswitch Switch correctly positioned & test completed  
HAIRSTON, W G Alabama Power Co 80/02/29 3pp

--8003050055 LER 80-013/03L-0 on 800202, during safety injection w/loss of sys pressure test w/bubble in pressurizer, containment isolation valve 1-CCW-HV-3095 did not fully close Caused by handwheel outside neutral position Handwheel adjusted  
HAIRSTON, W G Alabama Power Co 80/02/29 2pp

--8003050063 LER 80-014/03L-0 on 800214, while testing control grade auto start feature, A & B MDAF pumps failed to auto start on loss of main feedwater pump test signal Caused by inadequate design change control Design review strengthened  
HAIRSTON, W G Alabama Power Co 80/02/29 4pp

8003240506 Forwards LERs 80-015/03L-0, 80-016/03L-0 & 80-017/03L-0  
CLAYTON, F L Alabama Power Co 80/03/14 1p

--8003240515 LER 80-015/03L-0 on 800217, after tying main generator onto grid, DEH sys malfunctioned causing load increase, resulting in avg decreasing to 539 F Cause under investigation DEH placed in manual to stop load increase  
HAIRSTON, W G Alabama Power Co 80/03/14 1p

--8003240521 LER 80-016/03L-0 on 800215, while performing surveillance test procedure FNP-1-STP-22 17, TDAFWP thrust bearing exceeded 160F Caused by high bearing oil level after maint on thrust bearing Oilier assembly repositioned  
HAIRSTON, W G Alabama Power Co 80/03/14 2pp

--8003240528 LER 80-017/03L-0 on 800222, while manually starting turbine driven auxiliary feedwater pump, turbine tripped on overspeed Caused by limit switch being out of adjustment Limit switch adjusted & feedwater pump returned to svc  
HAIRSTON, W G Alabama Power Co 80/03/14 1p

8003310371 Forwards LER 80-018/03L-0  
CLAYTON, F L Alabama Power Co 80/03/21 1p

--8003310375 LER 80-018/03L-0 on 800229, bistable associated w/pressure transmitter 457, failed to meet trip setpoint requirements of surveillance test FNP-1-STP-201 & Caused by dirty gain potentiometer for lead/lag controller Potentiometer cleaned  
HAIRSTON, W G Alabama Power Co 80/03/21 1p

## V Operator Examinations

8003170301 Advises that annual license examination schedule has been changed to Apr-May or June, to facilitate institution of license retraining schedule Oral exam will be given in Mar 1980, as interim measure for postponed Dec 1979 examinations  
HAIRSTON, W G Alabama Power Co 80/03/03 1p

## DOCKET 80-352 LIMERICK GENERATING STATION, UNIT 1

### A Application/construction stage documents & correspondence

800313016B Notification of 800227 meeting W/GE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & GKSS data Proposed agenda encl  
ELTANILA, F Containment Systems Branch 80/02/01 12pp

8003120471 Informs NRC that 1976 aerial photograph of plant site will be forwarded under separate cover Photograph shows property & adjacent quarry on same scale as map sent in 800115 ltr  
BRADLEY, E J Philadelphia Electric Co 80/02/14 1p

### O Adjudicatory correspondence

8003110520 Supports halt to plant const Excess electrical capacity already exists & new reactors not needed  
CRATER, J Affiliation Unknown 80/03/06 1p



## DOCKETED ITEMS

## H General correspondence

7912180643 Discusses NRC 791012 ltr to Senator Schweiker, NUREG-0625 siting guidelines, Reg Guide 4.7 & facility FES Requests that facility be converted to coal because of proximity to densely populated area  
SEIDTS, M G Affiliation Unknown 79/12/10 2pp

8003170433 Requests clarification of response to previous ltr impact of nuclear catastrophe unknown Potential for catastrophe does not exist w/coal Util shareholders rept encl  
SEIDTS, M G Affiliation Unknown 80/03/10 4pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003060685 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region I, Philadelphia, Office of the Director 79/11/29 1p

8003140141 Responds to IE Bulletin 79-28 No NAMCO Model EA180 limit switches used or planned for use in safety-related equipment inside or outside containment  
KEMPER, J S Philadelphia Electric Co 80/02/07 1p

8003120546 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/02/29 1p

8003190274 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003260335 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003260444 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/10 1p

8003260159 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/13 1p

8003250356 Forwards IE Info Notice 80-11, "Generic Problems W/ASCC Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/14 1p

8003260059 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs &amp; related correspondence

8003040304 Discusses seismic separation gaps at facility Evaluation of deficiency concludes that design requirement to provide adequate rattle space has been met Forwards final deficiency rept & supporting data  
REINHUTH, O W Division of Reactor Construction Inspection 80/02/07 2pp

## U Congressional/Executive Correspondence

8003060409 Forwards NRC 800130 response to M Seidts 791210 ltr re size of facility low population zone  
DIRCKS, W J Office of the Executive Director for Operations 80/02/07 1p

--8003060418 Responds to 791210 ltr re size of facility low population zone. Zone size determined by applicant, not NRC. Radiological doses to individual on outer boundary from postulated accident must be within guideline values of 10CFR100  
BALLARD, R L Environmental Projects Branch I 80/01/20 3pp

8003060441 Responds to 791231 request for info re constituent concern that quarry blasting will adversely effect facility due to cracks in reactor bldg foundation rocks Investigation in progress NRC 800128 ltr to FR Romano encl  
DIRCKS, W J Office of the Executive Director for Operations 80/02/14 3pp

--8003060453 Responds to 791211, 12 & 17 ltrs re NRC 791218 meeting w/util & investigation into allegation that facility will be adversely affected by quarry blasting Public may attend meetings between applicants & NRC as observers W/FR excerpt  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 3pp

--8003060459 Requests info re investigation into quarry blasting effects in cracks in reactor bldg foundation rocks  
COUGHLIN, L House or Rep, Appropriations 79/12/31 1p

8003060426 Responds to 800109 request concerning F Romano comments re conduct of NRC investigation into quarry blasting adjacent to facility Quarry monitoring records & util seismograph blast records indicate peak velocities not damaging  
DIRCKS, W J Office of the Executive Director for Operations 80/02/21 4pp

--8003060435 Forwards F Romano, of Air & Water Pollution Patrol, 791228 ltr re conduct of NRC investigation into quarry blasting near facility Requests comments  
SCHWEIKER, R S Senate 80/01/09 5pp

## DOCKET 80-353 LIMERICK GENERATING STATION, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003130168 Notification of 80/02/27 meeting W/QE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & GKSS data Proposed agenda encl  
ELTANILA, F Containment Systems Branch 80/02/01 12pp

8003120471 Informs NRC that 1976 aerial photograph of plant site will be forwarded under separate cover Photograph shows property & adjacent quarry on same scale as map sent in 800115 ltr  
BRADLEY, E J Philadelphia Electric Co 80/02/14 1p

## G Adjudicatory correspondence

8003110520 Supports halt to plant const Excess electrical capacity already exists & new reactors not needed  
CRATER, J Affiliation Unknown 80/03/06 1p

## H General correspondence

7912180643 Discusses NRC 791012 ltr to Senator Schweiker, NUREG-0625 siting guidelines, Reg Guide 4.7 & facility FES Requests that facility be converted to coal because of proximity to densely populated area  
SEIDTS, M G Affiliation Unknown 79/12/10 2pp

8003170433 Requests clarification of response to previous ltr impact of nuclear catastrophe unknown Potential for catastrophe does not exist w/coal Util shareholders rept encl  
SEIDTS, M G Affiliation Unknown 80/03/10 4pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003060685 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region I, Philadelphia, Office of the Director 79/11/29 1p

8003120546 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/02/29 1p

8003190274 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/07 1p

8003260335 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
GRIER, B H Region I, Philadelphia, Office of the Director 80/03/07 1p

# DOCKETED ITEMS

207

8003260444 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260159 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250356 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260059 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003040304 Discusses seismic separation gaps at facility Evaluation of deficiency concludes that design requirement to provide adequate rebar space has been met Forwards final deficiency rept & supporting data  
REINMUTH, O W Division of Reactor Construction Inspection  
80/02/07 2pp

## U Congressional/Executive Correspondence

8003060409 Forwards NRC 800130 response to M Seidts 791210 ltr re size of facility low population zone  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/07 1p

--8003060418 Responds to 791210 ltr re size of facility low population zone Zone size determined by applicant, not NRC Radiological doses to individual on outer boundary from postulated accident must be within guideline values of 10CFR100  
BALLARD, R L Environmental Projects Branch 1  
80/01/30 3pp

8003060441 Responds to 791231 request for info re constituent concern that quarry blasting will adversely affect facility due to cracks in reactor bldg foundation rocks Investigation in progress NRC 800128 ltr to FR Romano encl  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/14 3pp

--8003060453 Responds to 791211, 12 & 17 ltrs re NRC 791218 meeting w/util & investigation into allegation that facility will be adversely affected by quarry blasting Public may attend meetings between applicants & NRC as observers W/FR excerpt  
DENTON, H R Office of Nuclear Reactor Regulation  
80/01/28 3pp

--8003060459 Requests info re investigation into quarry blasting effects in cracks in reactor bldg foundation rocks  
COUGHILIN, L House of Rep, Appropriations  
79/12/31 1p

8003060426 Responds to 800109 request concerning F Romano comments re conduct of NRC investigation into quarry blasting adjacent to facility Quarry monitoring records & util seismograph blast records indicate peak velocities not damaging  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/21 4pp

--8003060435 Forwards F Romano, of Air & Water Pollution Patrol, 791228 ltr re conduct of NRC investigation into quarry blasting near facility Requests comments  
SCHWEIKER, R S Senate  
80/01/09 3pp

## DOCKET 50-354 HOPE CREEK NUCLEAR STATION, UNIT 1

### A Application/construction stage documents & correspondence

8003140064 Forwards "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur" EPA concurrence will be sent by 800307  
LEAR, O Environmental Specialists Branch  
80/02/29 2pp.

--8003140082 "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur"  
MAENIK, N T, WILSON, J H Division of Site Safety & Environmental Analysis  
80/03/31 101pp

## O Adjudicatory correspondence

8003070316 Notifies that C Kepford will represent intervenors in facility proceedings No witnesses presented in Radon-222 proceedings On 800220 intervenors will advise ASLAB on intentions to request subpoena for TWA pilot Svc list encl  
KEPPFORD, C Affiliation Unknown  
80/02/15 3pp

8003070312 Advises of 800219 telcon w/licenses & intervenor Agreement reached on direct testimony & cross-examination re radon release issue Submits order of presentation for ASLAB approval  
BORDENICK, B M Hearing Branch 4  
80/02/20 2pp

8003060462 Notifies that NRC witness RM Wilde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining Revised testimony encl  
BORDENICK, B M Hearing Branch 4  
80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from worked-out U mines  
WILDE, R M Division of Fuel Cycle & Material Safety  
80/02/22 17pp

8003110633 Discusses experience in facility proceeding & 791029 meeting in Bethesda, MD re shortnose sturgeon NRC should improve intervenor treatment Expresses opposition to facilities  
COLEMAN, E G, COLEMAN, A C Affiliation Unknown  
80/03/05 3pp

8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per parties' agreement re radon issue Responses may be filed on 800627 Parties may address ALAB-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel  
80/03/07 2pp

8003170045 Forwards NUREG/CR-0627, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0628, PNL-2889 revision re prediction of net radon emission from model open pit U mine W/o encl  
BORDENICK, B M Hearing Branch 4  
80/03/10 1p

8003310491 Requests name removal as atty for Township of Lower Alloways Creek in proceedings  
HORNOR, W C Affiliation Unknown  
80/03/10 1p

8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cs-137, per CR Kepford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4  
80/03/18 1p

## P Operating license stage documents & correspondence

8003110592 Concurs w/NRC conclusion that facility operation will not jeopardize continued existence of shortnose sturgeon  
MORALES-SANCHEZ Environmental Protection Agency  
80/03/05 2pp

## O Inspection reports, IE Bulletins & correspondence

8003060721 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003060455 Responds to IE Bulletin 79-25 re failures of Westinghouse BFD relays Suppliers' responses received by Bechtel indicate that BFD relays are not included in util safety-related sys Bechtel awaiting remaining replies  
MARTIN, T J Public Service Electric & Gas Co of New Jersey  
80/01/18 1p

8003280152 Forwards IE Insp Repts 50-354/79-10 & 50-355/79-09 on 791219 No noncompliance noted  
CARLBON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch  
80/02/04 2pp

--8003280155 IE Insp Repts 50-354/79-10 & 50-355/79-09 on 791219 No noncompliance noted. Major areas inspected requirements for resident insp site facilities & condition of Unit 2 reactor vessel surface defect  
MCQUAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch  
BATEMAN, W H Region 1, Philadelphia, Office of the Director  
80/02/01 2pp

## DOCKETED ITEMS

8003140102 Responds to IE Bulletin 79-28 Subj limit switches not in safety-related equipment, according to responses received as of 800204  
MARTIN, T J Public Service Electric & Gas Co of New Jersey  
80/02/06 1p

8003120553 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/02/29 1p

8003190283 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

8003260360 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

8003260450 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/10 1p

8003260165 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/13 1p

8003250361 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/14 1p

8003260066 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region I, Philadelphia, Office of the Director  
80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003040090 Ack receipt of interim deficiency rept re weld wire documentation  
CARLSON, R T Region I, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/28 1p

--8003040033 Second interim rept re Pittsburgh Des Moines use of B01B-C3 weld filler metal New electrode spec issued, welding procedures revised Investigation will be complete by 800314  
MARTIN, T J Public Service Electric & Gas Co of New Jersey.  
80/01/18 3pp

8003060234 Ack receipt of 800131 interim deficiency rept re main steam pipe spools Definitive rept expected by 800301  
CARLSON, R T Region I, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/12 1p

--8003060242 Interim deficiency rept re less than min wall thickness found on main steam pipe spool supplied by GE Caused by incorrect corrosion allowance used in calculations Final rept will be submitted by 800301  
MARTIN, T J Public Service Electric & Gas Co of New Jersey.  
80/01/31 2pp

#### T Hearing transcripts on non-antitrust matters

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4.  
80/02/26 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4  
80/02/27 211pp

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-929  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4  
80/02/28 91pp

#### DOCKET 80-355 HOPE CREEK NUCLEAR STATION, UNIT 2

##### A Application/construction stage documents & correspondence

8003140064 Forwards "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur" EPA concurrence will be sent by 800307  
LEAR, G Environmental Specialists Branch 80/02/29 2pp

--8003140082 "Assessment of Impacts of Salem & Hope Creek Stations on Shortnose Sturgeon, Acipenser brevirostrum Lesueur"  
HASNIK, M T Division of Site Safety & Environmental Analysis  
80/03/31 101pp

8003110592 Concurs w/NRC conclusion that facility operation will not jeopardize continued existence of shortnose sturgeon  
MORALES-SANCHEZ Environmental Protection Agency 80/03/05 2pp

##### G Adjudicatory correspondence

8003070316 Notifies that C Kepford will represent intervenors in facility proceedings No witnesses presented in Radon-222 proceedings On 800220 intervenors will advise ASLAB on intentions to request subpoena for TNA pilot Evc list encl  
KEPFORD, C Affiliation Unknown 80/02/15 3pp

8003070312 Advises of 800219 telcon w/licenses & intervenor Agreement reached on direct testimony & cross-examination re radon release issue Submits order of presentation for ASLAB approval  
BORDENICK, B M Hearing Branch 4 80/02/20 2pp

8003060462 Notifies that NRC witness RM Wilde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining Revised testimony encl  
BORDENICK, B M Hearing Branch 4 80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from Worked-out U mines  
WILDE, R M Division of Fuel Cycle & Material Safety 80/02/22 17pp

8003110633 Discusses experience in facility proceeding & 791029 meeting in Bethesda, MD re shortnose sturgeon NRC should improve intervenor treatment Expresses opposition to facilities  
COLEMAN, E G Affiliation Unknown 80/03/05 3pp

8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per parties' agreement re radon issue Responses may be filed on 800627 Parties may address ALAB-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 2pp

8003170045 Forwards NUREG/CR-0627, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0628, PNL-2889 revision re prediction of net radon emission from model open pit U mine W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

8003310491 Requests name removal as atty for Township of Lower Alloways Creek in proceedings.  
HORNBER, W C Affiliation Unknown. 80/03/10 1p

8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cs-137, per CR Kepford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4 80/03/18 1p

##### G Inspection reports, IE Bulletins & correspondence

8003060721 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region I, Philadelphia, Office of the Director  
79/11/29 1p

8003060455 Responds to IE Bulletin 79-25 re failures of Westinghouse BFD relays Suppliers' responses received by Bechtel indicate that BFD relays are not included in util safety-related sys Bechtel awaiting remaining replies  
MARTIN, T J Public Service Electric & Gas Co. of New Jersey  
80/01/18 1p.

# DOCKETED ITEMS

209

8003280152 Forwards IE Insp Repts 50-354/79-10 & 50-355/79-09 on 791219 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003280155 IE Insp Repts 50-354/79-10 & 50-355/79-09 on 791219 No noncompliance noted Major areas inspected requirements for resident insp site facilities & condition of Unit 2 reactor vessel surface defect  
MCGAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch BATEMAN, W H Region 1, Philadelphia, Office of the Director 80/02/01 2pp

8003140102 Responds to IE Bulletin 79-28 Subj limit switches not in safety-related equipment, according to responses received as of 800204  
MARTIN, T J Public Service Electric & Gas Co of New Jersey 80/02/06 1p

8003120553 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190283 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260340 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260450 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260165 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250361 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260066 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## B Reportable occurrences, LCRs & related correspondence

8003040030 Ack receipt of interim deficiency rept re weld wire documentation  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/28 1p

--8003040033 Second interim rept re Pittsburgh Des Moines use of 8018-C3 weld filler metal New electrode spec issued, welding procedures revised Investigation will be complete by 800314  
MARTIN, T J Public Service Electric & Gas Co of New Jersey, 80/01/18 3pp

8003060199 Ack receipt of 800121 interim deficiency rept re surface indication on reactor pressure vessel  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/04 1p

--8003060207 Interim deficiency rept re surface indication on reactor pressure vessel OE will investigate indications Next rept will be submitted by 800211  
MARTIN, T J Public Service Electric & Gas Co of New Jersey 80/01/21 2pp

8003060234 Ack receipt of 800131 interim deficiency rept re main steam pipe spools Definitive rept expected by 800301.  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/12 1p

--8003060242 Interim deficiency rept re less than min wall thickness found on main steam pipe spool supplied by GE Caused by incorrect corrosion allowance used in calculations Final rept will be submitted by 800301  
MARTIN, T J Public Service Electric & Gas Co of New Jersey 80/01/31 2pp

## T Hearing transcripts on non-antitrust matters

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4 80/02/26 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4 80/02/27 211pp

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-529  
ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel KEPFORD, C Citizens for Safe Environment BORDENICK, B M Hearing Branch 4 80/02/28 91pp

## DOCKET 50-356 UNIV OF ILLINOIS LOPRA RESEARCH REACTOR

### G Inspection reports, IE Bulletins & correspondence

8003120104 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/01 1p

## DOCKET 50-358 WILLIAM H ZIMMER NUCLEAR STATION, UNIT 1

### A Application/construction stage documents & correspondence

800313015B Lists actions outlined in NRC 790807 ltr re receipt of reactor fuel under license SNM-1823 which have been completed Water hoses on reactor bldg refueling floor are valved off & safety tagged Emergency drill completed  
BORGMANN, E A Cincinnati Gas & Electric Co 79/08/14 2pp

800313016B Notification of 800227 meeting W/OE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & OXSS data, Proposed agenda encl  
ELTAWILA, F Containment Systems Branch 80/02/01 12pp

8003040453 Responds to NRC 791017 request for util input re ATWS issue Util concurs w/basic NRC objectives Alternative II of NUREG-0460 meets all mitigation criteria for hypothesized ATWS situation for util BWR-5 reactor sys  
BORGMANN, E A Cincinnati Gas & Electric Co 80/02/27 2pp

8003240141 Requests analysis of adequacy of equipment qualification program Requests schedule for completing review re environ qualification of safety-related equipment & significant aging mechanisms  
STOLZ, J F Light Water Reactors Branch 1 80/03/03 3pp

8003240566 Summary of 800221 meeting w/util & NUTECH in Bethesda, MD re manpower situation & difficulties encountered in acquiring contracted assistance Viewgraphs encl  
PELTIER, I A Light Water Reactors Branch 1 80/03/03 4pp

8003310456 Forwards NRC 800128 10211 ltrs to OE discussing analysis of boiloff rates & rod drive return line nozzles to prevent cracking Mods should not be performed before issuance of NUREG-0619 or w/o NRC guidance  
STOLZ, J F Light Water Reactors Branch 1 80/03/07 2pp

8003240323 Forwards 800229 "Transfer of Lead Responsibility" for review of leak chase channel attachments Also forwarded are background documents & Sargent & Lundy Rept SAD-348 cited in lead responsibility document W/o encl  
STOLZ, J F Light Water Reactors Branch 1 80/03/13 1p

## F Security, medical, emergency & fire protection plans

8003140398 Forwards Revision 9 to industrial security plan, constituting Amend 104 to license application Plan withheld (ref 10CFR2 790).  
BORGMANN, E A Cincinnati Gas & Electric Co 80/03/10 1p

## DOCKETED ITEMS

## Q Adjudicatory correspondence

8003040662 Advises of 790/PS filing of applicant renewed motion for summary disposition or certification in response to ASLB request re Contention 5 Requests ASLB to advise parties when ruling will take place  
CONNER, T B Conner, Moore & Corber 80/02/25 2pp

8003050153 Motion for dismissal of Miami Valley Power Project Contention 13 due to intervenor default to respond to licensee interrogatories re financial qualifications ASLB 800131 order warrants dismissal Certificate of Svc encl  
CONNER, T B Cincinnati Gas & Electric Co WEYERHANN, M J  
CONNER, T B Conner, Moore & Corber 80/02/25 4pp

8003250354 Petition to intervene as interested state in OL proceeding Plant located on Ohio River bank adjacent to States of KY/OH boundary Participation of interested state, although late, is desirable per case law Certificate of Svc encl  
MARTIN, D K ; BRODKEY, D D Kentucky, State of 80/03/04 6pp

8003240596 Response in support of applicant 800108 motion to dismiss Miami Valley Power Project Contention 13 for failure to comply w/ASLB 800131 discovery order Dismissal warranted per rules of practice & case law Certificate of Svc encl  
BARTH, C A Hearing Branch 3 80/03/17 4pp

## H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radioactive & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radioactive disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

8003110007 Forwards Certificate of Svc for Amend 103 in form of Revision 64 to FSAR  
BORGMANN, E A Cincinnati Gas & Electric Co 80/03/03 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003140167 Forwards IE Insp Rept 50-358/79-39 on 791212-14 & notice of violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/18 2pp

--8003140172 Notice of violation from insp on 791212-14  
\* Region 3, Chicago, Office of the Director 80/01/14 1p

--8003140181 IE Insp Rept 50-358/79-39 on 791212-14 Noncompliance noted failure to perform independent insps & failure to provide adequate equipment protection  
VANDEL, T E ; HUGHES, J ; KNOP, R C Region 3, Chicago, Office of the Director 80/01/14 10pp

8003120160 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140190 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110107 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190327 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110169 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003310119 Forwards IE Insp Rept 50-358/79-37 on 791227-28 & 800117-18 & notice of violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/15 2pp

--8003310122 Notice of violation from insp on 791227-28 & 800117-18  
\* Region 3, Chicago, Office of the Director 80/02/12 2pp

--8003310124 IE Insp Rept 50-358/79-37 on 791227-28 & 800117-28 Noncompliance noted failure to execute piping suspension sys activities & to control work procedures inadequate measures taken to protect hydraulic snubbers from damage  
DANIELSON, D H Region 3, Chicago, Reactor Construction & Engineering Support Branch YIN, I T Region 3, Chicago, Office of the Director 80/02/12 8pp

8003190592 Forwards IE Insp Rept 50-358/80-02 on 800121-25 No noncompliance noted  
DAVIS, A B Region 3, Chicago, Fuel Facility & Materials Safety Branch 80/02/22 2pp

--8003190594 IE Insp Rept 50-358/80-02 on 800121-25 No noncompliance noted Major areas inspected preoperational radiation protection organization, training, procedures, facilities, instruments & equipment  
FISHER, W L Region 3, Chicago, Fuel Facility & Materials Safety Branch SCHUMACHER, M C Region 3, Chicago, Office of the Director 80/02/19 9pp

8003280192 Forwards IE Insp Rept 50-358/80-01 on 800101-07, 18-25 & 29-31 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Operations Nuclear Support Branch 80/02/25 2pp

--8003280203 IE Insp Rept 50-358/80-01 on 800101-07, 18-25 & 29-31 No noncompliance noted Major areas inspected previously identified open items, operational QA plan, Tech Specs, followup on significant event & orientation training  
TAMBLING, T N ; DANIELS, F T Region 3, Chicago, Office of the Director 80/02/20 4pp

8003120682 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120344 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003200361 Responds to IE Bulletin 79-21, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " No design changes or administrative controls required Forwards supporting documentation  
BORGMANN, E A Cincinnati Gas & Electric Co 80/02/29 27pp

8003280636 Ack receipt of 800320 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-358/79-39  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/06 1p

--8003280640 Responds to NRC 800118 ltr re violations noted in IE Insp Rept 50-358/79-39 Corrective actions Electric Operating Test Dept personnel informed that supervision of equipment mod or wiring must be done by vendor personnel  
BORGMANN, E A Cincinnati Gas & Electric Co 80/02/20 3pp

8003260161 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260047 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260470 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

800326029J Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003280079 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

211

B003260242 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

B003040008 Ack receipt of B00201 final deficiency rept re NEMH Size 3 contact carriers NRC review is documented in IE Insp Rept 50-338/80-03  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

B003280387 Interim deficiency rept re defect in Damper 1VQ10Y of primary containment purge sys. identified by American Warming & Ventilation, Inc No cause stated Investigation underway  
BOROMANN, E A Cincinnati Gas & Electric Co 80/03/12 2pp

B003280372 Interim deficiency rept re eight Anchor/Darling gate valves at facility which might not function properly due to installation in vertical pipeline Caused by disc binding during closing Disc guide extensions will be added  
BOROMANN, E A Cincinnati Gas & Electric Co 80/03/14 1p

## DOCKET 90-361 SAN ONOFRE NUCLEAR STATION, UNIT 2

### A Application/construction stage documents & correspondence

B003190717 Forwards maps indicating low population zones for facilities, in response to B00107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

--B003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of 80/01/07 1p

B003250325 Submits Amend 1 License SNM-1844 authorizing 35 g of U-235 at any enrichment  
PAGE, R G Uranium Fuel Licensing Branch 80/01/28 1p

--B003250327 Safety evaluation supporting Amend 1 to License SNM-1844  
DELANEY, J C Uranium Fuel Licensing Branch 80/01/28 2pp

B003050144 Notification of B00305 meeting w/Friends of the Earth, USGS & Div of Mines & Geology in San Diego, CA to discuss seismic issues  
RODD, H Light Water Reactors Branch 2 80/02/21 3pp

B003050146 Notification of B00304 meeting w/util, USGS & CA Div of Mines & Geology in Inglewood, CA to discuss responses to seismology questions  
RODD, H Light Water Reactors Branch 2 80/02/21 3pp

B003110610 Forwards "Simulation of Strong Ground Motions," in order to facilitate review of util response to NRC Geosciences Branch Question 361 53  
HAYNES, J G Southern California Edison Co 80/02/29 1p

--B003110612 "Simulation of Strong Ground Motions," to be published in Apr 1980 issue of Bulletin of Seismological Society of America  
HADLEY, D M, HELMBERGER, D V Southern California Edison Co 80/02/29 36pp

## F Security, medical, emergency & fire protection plans

B003050175 Notification of B00307 meeting w/Friends of the Earth in San Diego, Ca to discuss emergency preparedness  
RODD, H Light Water Reactors Branch 2 80/02/21 3pp

B003030484 Advises that response to NRC 791211 request for addl info re safeguards contingency plan review has been rescheduled from B00225 to B00401  
HAYNES, J G Southern California Edison Co 80/02/25 2pp.

## G Adjudicatory correspondence

B003050140 Advises of B00128 issuance of applicants requested amend to matls license, increasing U-235 from 20 g to 35 g  
CHANDLER, L J Hearing Branch 1 80/02/27 1p

B003250316 Forwards commission modified adjudicatory procedure statement requested by G Davis of The Blade-Tribune after B00304 meeting  
CHANDLER, L J Hearing Branch 1 80/03/17 4pp

## M Antitrust correspondence

B003060517 Forwards Atty General B00131 ltr re util CP application Ltr concludes that antitrust hearing is unnecessary for ownership interest transfer to Cities of Anaheim & Riverside, CA  
SALTZMAN, J Antitrust & Indemnity Group 80/02/11 2pp

--B003060520 Informs NRC that antitrust hearing is unnecessary for ownership interest transfer to Cities of Anaheim & Riverside, CA  
LITVACK, S M Justice, Dept of, Attorney General's Office 80/01/31 2pp

## G Inspection reports, IE Bulletins & correspondence

B003100075 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generator excitation potential transformers are not connected to ground Transformer failure cannot occur  
BASKIN, K P Southern California Edison Co 79/10/25 1p

B003100061 Forwards response to IE Bulletin 79-14 re seismic analysis for safety-related piping sys Prior to mechanical turnover of sys to startup, final insp of all safety-related piping sys is performed to ensure conformity w/design documents  
BASKIN, K P Southern California Edison Co 79/11/06 5pp

B003170147 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Westinghouse BFD relays are not used at facilities  
BASKIN, K P Southern California Edison Co 80/01/02 1p

B003110280 Responds to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " Masonry walls not used as structural elements, therefore no anchor expansion bolts used  
BASKIN, K P Southern California Edison Co 80/01/03 2pp

B003310218 Responds to IE Bulletin 79-13, Revision 2, "Cracking in Feedwater Sys Piping " Ultrasonic technique, supplemented by radiographic technique, will be used to examine feedwater nozzle-to-pipe welds after hot functional testing  
BASKIN, K P Southern California Edison Co 80/01/18 2pp

B003280042 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Manufacturer, Bechtel Power Corp, procuring matls to perform prescribed corrective action  
BASKIN, K P Southern California Edison Co 80/02/04 1p

B003120279 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

B003140377 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

B003180119 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

B003260570 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

B003260395 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

B003250159 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## DOCKETED ITEMS

8003260351 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003180497 Advises that final deficiency rept for 791214 interim rept re measuring & test equipment recalibr at facilities will be submitted by 800530  
NUNN, D E Sacramento Municipal Utility District 80/03/10 1p

#### DOCKET 80-362 SAN ONOFRE NUCLEAR STATION, UNIT 3

##### A Application/construction stage documents & correspondence

8003190717 Forwards maps indicating low population zones for facilities, in response to 800107 ltr  
DENTON, H R Office of Nuclear Reactor Regulation 80/01/28 6pp

--8003190734 Requests maps indicating low population zones for facilities  
EDSON, K California, State of 80/01/07 1p

8003250325 Submits Amend 1 License SNM-1844 authorizing 35 g of U-235 at any enrichment  
PAGE, R O Uranium Fuel Licensing Branch 80/01/28 1p

--8003250327 Safety evaluation supporting Amend 1 to License SNM-1844  
DELANEY, J C Uranium Fuel Licensing Branch 80/01/28 2pp

8003030144 Notification of 800305 meeting w/Friends of the Earth, USGS & Div of Mines & Geology in San Diego, CA to discuss seismic issues  
ROOD, H Light Water Reactors Branch 2 80/02/21 3pp

8003050146 Notification of 800304 meeting w/util, USGS & CA Div of Mines & Geology in Inglewood, CA to discuss responses to seismology questions  
ROOD, H Light Water Reactors Branch 2 80/02/21 3pp

8003110610 Forwards "Simulation of Strong Ground Motions," in order to facilitate review of util response to NRC Geosciences Branch Question 361 53  
HAYNES, J O Southern California Edison Co 80/02/29 1p

--8003110612 "Simulation of Strong Ground Motions," to be published in Apr 1980 issue of Bulletin of Seismological Society of America  
HADLEY, D M, HELMBERGER, D V Southern California Edison Co 80/02/29 36pp

##### F Security, medical, emergency & fire protection plans

8003030175 Notification of 800307 meeting w/Friends of the Earth in San Diego, CA to discuss emergency preparedness  
ROOD, H Light Water Reactors Branch 2 80/02/21 3pp

8003030484 Advises that response to NRC 791211 request for addl info re safeguards contingency plan review has been rescheduled from 800225 to 800401  
HAYNES, J O, Southern California Edison Co 80/02/25 2pp

##### G Adjudicatory correspondence

8003030140 Advises of 800128 issuance of applicants requested amend to matls license, increasing U-235 from 20 g to 35 g  
CHANDLER, L J Hearing Branch 1 80/02/27 1p

8003250316 Forwards commission modified adjudicatory procedure statement requested by G Davis of The Blade-Tribune after 800304 meeting  
CHANDLER, L J Hearing Branch 1 80/03/17 4pp

##### H Antitrust correspondence

8003060317 Forwards Atty General 800131 ltr re util CP application Ltr concludes that antitrust hearing is unnecessary for ownership interest transfer to Cities of Anaheim & Riverside, CA  
SALTZMAN, J Antitrust & Indemnity Group 80/02/11 2pp.

--8003060320 Informs NRC that antitrust hearing is unnecessary for ownership interest transfer to Cities of Anaheim & Riverside, CA  
LITVACK, S M Justice, Dept of, Attorney General's Office 80/01/31 2pp

##### I Inspection reports, IE Bulletins & correspondence

8003100075 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generator excitation potential transformers are not connected to ground Transformer failure cannot occur  
BASKIN, K P Southern California Edison Co 79/10/25 1p

8003100061 Forwards response to IE Bulletin 79-14 re seismic analysis for safety-related piping sys Prior to mechanical turnover of sys to startup, final insp of all safety-related piping sys is performed to ensure conformity w/design documents  
BASKIN, K P Southern California Edison Co 79/11/06 5pp

8003170149 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Westinghouse BFD relays are not used at facilities  
BASKIN, K P Southern California Edison Co 80/01/02 1p

8003110280 Responds to IF Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " Masonry walls not used as structural elements, therefore no anchor expansion bolts used  
BASKIN, K P Southern California Edison Co 80/01/03 2pp

8003110218 Responds to IE Bulletin 79-13, Revision 2, "Cracking in Feedwater Sys Piping " Ultrasonic technique, supplemented by radiographic technique, will be used to examine feedwater nozzle-to-pipe welds after hot functional testing  
BASKIN, K P Southern California Edison Co 80/01/18 2pp

8003280042 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Manufacturer, Bechtel Power Corp, procuring matls to perform prescribed corrective action  
BASKIN, K P Southern California Edison Co 80/02/04 1p

8003120279 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140379 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180115 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260570 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260395 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250157 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys. " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260351 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

##### S Reportable occurrences, LERs & related correspondence

8003180497 Advises that final deficiency rept for 791214 interim rept re measuring & test equipment recalibr at facilities will be submitted by 800530  
NUNN, D E Sacramento Municipal Utility District 80/03/10 1p

# DOCKETED ITEMS

213

## DOCKET 50-363 FORKED RIVER NUCLEAR STATION, UNIT 1

### H General correspondence

B003250461 Responds to B00125 ltr to Chairman Ahearne expressing concern re JCP&L financial condition NRC cannot set util rates NRC is actively monitoring JCP&L financial condition in connection w/TMI-1 restart proceedings  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 2pp

--B003250468 Opposes protected & expensive study of JCP&L financial condition, w/followup hearings & court battles Study would block constructive activity for yrs Consumers will pay for delays Ltr dtd B00125 to NJ Ofc of Public Advocate encl  
GROVE, L J Affiliation Unknown 80/01/25 5pp

### G Inspection reports, IE Bulletins & correspondence

B003260659 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

B003120453 Forwards IE Info Notice B0-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

B003140046 Responds to IE Bulletin 79-28 re replacement of top cover gaskets on stem mounted limit switches NAMCO EA180 switches not installed in safety-related equipment inside or outside containment Assigned electrical equipment being purchased  
FINFROCK, I R Jersey Central Power & Light Co 80/03/05 1p

B003190250 Forwards IE Info Notice B0-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

B003260284 Forwards IE Info Notice B0-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

B003260393 Forwards IE Bulletin B0-09, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

B003260129 Forwards IE Bulletin B0-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

B003250308 Forwards IE Info Notice B0-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

B003260030 Forwards IE Circular B0-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-364 JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 2

### A Application/construction stage documents & correspondence

B003050181 Summary of B00207 meeting w/util at site re review of OL application w/discussion of confirmatory piping analysis  
KINTNER, L L Light Water Reactors Branch 1 80/02/19 2pp

B003060069 Forwards request for addl info re A main steam line & spent fuel tube & transfer areas Info should be received by B00317  
STOLZ, J F Assistant Director for Light Water Reactors 80/02/20 6pp

B003050489 Forwards commitments to TMI short-term Lessons Learned Task Force requirements  
CLAYTON, F L Alabama Power Co 80/02/21 70pp

B003180596 Forwards B00304 NPDES noncompliance rpt for sewage treatment plant effluent  
CLAYTON, F L Arkansas Power & Light Co 80/03/11 2pp

B003180529 Forwards "Inservice Testing Program," for ASME code Class 1, 2 & 3 pumps & valves Requests relief from ASME Section XI testing requirements when full code compliance is not practical  
CLAYTON, F L Alabama Power Co 80/03/12 2pp

--B003180535 "Inservice Testing Program," for ASME code Class 1, 2 & 3 pumps & valves Thirty oversize drawings encl  
\* Alabama Power Co 80/03/12 400pp

B003240541 Responds to B00204 request for addl info re seismic qualification of safety-related non-NSSS supplied electrical & mechanical equipment Complete response will be provided on B00328 to avoid impacting review schedule  
CLAYTON, F L Alabama Power Co 80/03/14 1p

B003240285 Responds to NRC B00220 request for additional info re radiation exposure to personnel from operation of spent fuel transfer tube Access control procedures, monitoring & alarm sys not needed Drawings available in Central Files only  
CLAYTON, F L Alabama Power Co 80/03/17 2pp

B003240427 Forwards addl info re main steam line, Loop A extending from steam generator nozzle to containment penetration in response to NRC B00220 request Oversize drawings in Central files only  
CLAYTON, F L Alabama Power Co 80/03/17 200pp

### J Insurance & indemnity information

B003260304 Unexecuted Amend 6 to Indemnity Agreement B-81, changing dates of policy coverage  
SALTZMAN, J Antitrust & Indemnity Group 80/03/12 1p

B003250431 Forwards Endorsement 22 to MAELU Policy MF-93  
FIEDLER, J Marsh & McLennan, Inc , M & M Nuclear Consultants, Inc Div 80/03/20 3pp

### K Utility Final Safety Analysis Report (FSAR) & amends

B003100187 Forwards Amend 72 to Unit 1 FSAR & Unit 2 OL application Certificate of Svc encl  
CLAYTON, F L Alabama Power Co 80/03/07 5pp

--B003100191 Amend 72 to FSAR  
\* Alabama Power Co 80/03/07 390pp

### G Inspection reports, IE Bulletins & correspondence

B003110178 Forwards IE Insp Repts 50-348/79-39 & 50-364/79-20 on 791212-14 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/31 2pp

--B003110184 IE Insp Repts 50-348/79-39 & 50-364/79-20 on 791212-14 No noncompliance noted Major areas inspected preoperational testing activity & general site familiarization  
UPRIGHT, C H Region 2, Atlanta, Reactor Operations Nuclear Support Branch JULIAN, C Region 2, Atlanta, Office of the Director 79/12/28 3pp

B003250212 Responds to NRC 791206 ltr re violations noted in IE Insp Repts 50-348/79-37 & 50-364/79-17 Corrective actions review responsibilities have been redistributed to larger number of personnel  
CLAYTON, F L Alabama Power Co 80/01/04 2pp

B003240072 Responds to IE Bulletin 79-14, "Seismic Analysis for As-Built Safety-Related Piping Sys " Util has developed & is implementing program to ensure that final seismic analyses will be based on as-built configuration of plant  
CLAYTON, F L Alabama Power Co 80/01/15 3pp

B003140154 Forwards IE Insp Repts 50-348/79-45 & 50-364/79-22 on 791203-27 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/24 2pp



## DOCKETED ITEMS

--8003140163 IE Insp Repts 50-348/79-45 & 50-364/79-22 on 791203-29 No noncompliance noted Major areas inspected plant operations. Unit 2 preoperational startup test program & physical security  
BRADFORD, W H Region 2, Atlanta, Office of the Director  
MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/23 4pp

8003110163 Forwards IF Insp Rept 50-364/80-01 on 800108-11 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/29 2pp

--8003110170 IE Insp Rept 50-364/80-01 on 800108-11 No noncompliance noted Major areas inspected preoperational test procedures, completed test results & test witnessing  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support Branch ASHENDEN, J, JULIAN, C Region 2, Atlanta, Office of the Director 80/01/28 3pp

8003170003 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190078 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003110501 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180109 Forwards IE Bulletin 80-03, 'Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells ' Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180025 Forwards IE Bulletin 80-04, 'Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition ' No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190386 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003250200 Ack receipt of 800104 ltr informing NRC of steps taken to correct violations noted in IF Insp Repts 50-348/79-37 & 50-364/79-17  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/08 2pp

--8003250219 Forwards IE Insp Repts 50-348/79-37 & 50-364/79-17 on 791113-16 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 79/12/06 2pp

--8003250241 Notice of violation from insp on 791113-16  
\* Region 2, Atlanta, Office of the Director 79/12/05 1p

--8003250250 IE Insp Repts 50-348/79-37 & 50-364/79-17 on 791113-16 Noncompliance noted failure to follow procedures on surveillance program administrative control  
MARTIN, R D, MOON, B T, BRADFORD, W H Region 2, Atlanta, Office of the Director 79/12/05 6pp

8003140035 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180307 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003240020 Responds to IF Bulletin 80-03, "Loss of Charcoal From Std Type 2, 2-Inch, Tray Adsorber Cells " No visual insp performed on filtration units Physical examination of remaining filter cells revealed no degradation of screen to frame bond  
CLAYTON, F L Alabama Power Co 80/03/05 3pp

8003140402 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180121 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270018 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260186 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

8003190536 Responds to NRC 800204 ltr re submittal of preservice & inservice insp programs for ASME Code Class 1, 2 & 3 components Updated inservice insp program under development & to be submitted six months prior to commercial operation  
CLAYTON, F L Alabama Power Co 80/03/14 2pp

8003250540 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260212 Forwards IF Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

R Periodic operating reports & related correspondence  
-----

8003110574 Forwards, "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 "  
CLAYTON, F L Alabama Power Co 80/02/27 1p

--8003110577 "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 "  
\* Alabama Power Co 80/02/27 52pp

8003180427 Forwards errata to "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979" & "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1978 "  
CLAYTON, F L Alabama Power Co 80/03/07 1p

--8003180433 Errata to "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1979 " Includes portion of Table 4A re batch release mode meteorological data  
\* Alabama Power Co 80/03/07 29pp

--8003180438 Corrected pages for "Semiannual Radioactive Effluent Release Rept, Jul-Dec 1978 " Includes Tables 1A, 1B, 1C & 2A  
\* Alabama Power Co 80/03/07 4pp

8003180599 Forwards batch release mode meteorological data portion of Table 4A, for inclusion in "Semiannual Radioactive Release Rept" for second half of 1979 Also forwards corrected tables for rept for second half of 1978  
CLAYTON, F L Alabama Power Co 80/03/07 1p

--8003180606 Batch release mode meteorological data for inclusion in "Semiannual Radioactive Release Rept," Table 4A, for second half of 1979  
\* Alabama Power Co 79/09/30 28pp

V Operator Examinations  
-----

8003170301 Advises that annual license examination schedule has been changed to Apr-May or June, to facilitate institution of license retraining schedule Oral exam will be given in Mar 1980, as interim measure for postponed Dec 1979 examinations  
HAIRSTON, W G Alabama Power Co 80/03/03 1p

# DOCKETED ITEMS

215

DOCKET 80-366 EDWIN I HATCH NUCLEAR PLANT, UNIT 2

F Security, medical, emergency & fire protection plans

8003170186 Forwards amended physical security plan per 800130 request  
Plan withheld (ref 10CFR2 790)  
WIDNER, W A Georgia Power Co 80/03/07 1p

8003170417 Requests acknowledgement of receipt of revision to physical  
security plan by completing & returning encl form  
GUGWA, L Y Georgia Power Co 80/03/11 2pp

J Insurance & indemnity information

8003110585 Guarantees payment of deferred premiums for part ownership  
in utility cash flow statements encl  
HEADRICK, T S Dalton, GA 80/03/07 3pp

8003250435 Forwards Endorsement 44 to MAELU Policy MF-78  
FIEDLER, J Marsh & McLennan, Inc, M & M Nuclear Consultants, Inc  
Div 80/03/20 2pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture  
Models for LOCA Analysis" & topics for discussion sent to  
fuel vendors. Requests comments by 800109  
EISENHUT, D O Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA  
Analysis"  
POWERS, D A Core Performance Branch 79/11/30 106pp

8003130148 Forwards summary of 800125 meetings w/util & NRC in  
Atlanta, GA re activities authorized by Licenses DPR-57 &  
NPF-05 Summary withheld (ref 10CFR2 790)  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01  
3pp

8003040040 Forwards request for addl info re loss of offsite power  
events Requests response within 90 days  
IPPOLITO, T A Operating Reactors Branch 3 80/02/13 3pp

8003070286 Ack receipt of 800204 application fee Requests fee for  
790322 & 0712 applications Suggests company consider  
consistently listing check number & amount  
MILLER, W O License Fee Management Branch 80/02/13 1p

8003200039 Forwards NRC evaluation of actions taken by util to satisfy  
Lessons Learned Task Force Category A recommendations  
Concludes that all Category A requirements have been met  
satisfactorily  
IPPOLITO, T A Operating Reactors Branch 3 80/02/26 16pp

8003070392 Application to amend App A to GL to modify average power  
range monitor high-high flux scram trip logic to minimize  
inadvertent scrams caused by neutron flux spikes, w/o  
reducing plant safety Forwards mod description & Tech Specs  
WIDNER, W A Georgia Power Co 80/02/28 8pp

--8003070394 Revised Tech Specs 2.2 & 3/4 2.2, modifying average power  
range monitor high-high flux scram trip logic to minimize  
inadvertent scrams caused by neutron flux spikes  
\* Georgia Power Co 80/02/28 10pp

8003240243 Discusses NRC approval of ODYN computer code for reanalysis  
of limiting abnormal operational transient Forwards NRC  
800123 ltr defining use of ODYN code to analyze  
pressurization transients  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 2pp

--8003240248 Summarizes ODYN licensing position so that GE can proceed w/  
ODYN analyses of transients Includes calculations w/interim  
penalty, statistical approach for reduction of margin penalty  
& pressure calculations  
DENISE, R P Assistant Director for Reactor Safety 80/01/23  
6pp

8003240250 Forwards request for addl info re adequacy of station  
electric distribution sys voltage to complete review of  
791207 ltr.  
IPPOLITO, T A Operating Reactors Branch 3 80/02/29 4pp

8003200007 Summary of 800111 meeting w/Bachtel & licensees re masonry  
wall & pipe support structural interdisciplinary  
coordination.  
LICCIRARDI, R Operating Reactors Branch 1. 80/03/03 16pp

8003180630 Responds to NRC 800107 request for QA program review re  
diesel generator fuel oil Considers emergency diesel  
generator fuel oil part of QA program Fuel oil is tested in  
accordance w/Tech Spec requirements  
WIDNER, W P Georgia Power Co 80/03/07 2pp

Q Inspection reports, IF Bulletins & correspondence

8003170040 Forwards IE Info Notice 80-03, "Main Turbine  
Electrohydraulic Control Sys " No specific action or  
response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
2pp

8003190113 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
1p

8003120032 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work  
Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01  
1p

8003240011 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess  
of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04  
1p

8003180063 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line  
Break W/Continued Feedwater Addition " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
2pp

8003190430 Forwards IE Info Notice 80-05, "Chloride Contamination of  
Safety-Related Piping & Components " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
1p

8003100019 Responds to IF Bulletin 79-26, "Boron Loss from BWR Control  
Blades " Results of control blade subcriticality tests  
indicated that full withdrawal of any control blade did not  
result in criticality  
WIDNER, W A Georgia Power Co 80/02/13 2pp

8003170047 Supplements 791130 response to IE Bulletin 79-18,  
"Audibility Problems Encountered on Evacuation of Personnel  
from High-Noise Areas " Visual evacuation signals will be  
completely installed by 800315  
WIDNER, W A Georgia Power Co 80/02/25 1p

8003170054 Submits corrected response to IE Bulletin 79-26, "Boron Loss  
from BWR Control Blades " Unit 1 control blade  
subcriticality tests were performed on 791219 instead of  
800119 & 28 as previously stated  
WIDNER, W A Georgia Power Co 80/02/25 1p

8003140044 Forwards IE Info Notice 80-06, "Notification of Significant  
Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27  
1p

8003110604 Responds to IE Bulletin 79-27, "Loss of Non-Class IE  
Instrument & Control Power Sys Bus During Operation " Alarms  
to main control room indicate loss of power to buses except  
R25-8035 & 2R25-8035 Emergency procedures under review  
WIDNER, W A Georgia Power Co 80/02/29 4pp

8003180181 Forwards supplemental info to IE Bulletin 79-01B, "Environ  
Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29  
2pp

8003190025 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29  
2pp

8003240310 Supplements response to IE Bulletin 79-23, "Potential  
Failure of Emergency Diesel Generator Field Exciter  
Transformer " Sustained 24-h full-load test for Unit 1  
emergency diesel generators successfully completed 800113  
WIDNER, W A Georgia Power Co 80/03/04 1p

8003180155 Forwards IE Circular 80-03, "Protection from Toxic Gas  
Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06  
2pp

## DOCKETED ITEMS

8003140407 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180077 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180310 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003310078 Ack receipt of 800303 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-321/80-02 & 50-366/80-02  
MURPHY, G E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/03/12 1p

--8003310081 Responds to NRC 800208 ltr re violations noted in IE Insp Repts 50-321/80-02 & 50-366/80-02 Corrective actions two rate-of-rise fire detectors placed in kitchen & control valve for drain piping locked in closed position  
WIBNER, W A Georgia Power Co 80/03/03 10pp

--8003310085 Forwards IE Insp Repts 50-321/80-02 & 50-366/80-02 on 800108-11 & notice of deviation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--8003310088 Notice of deviation from insp on 800108-11  
\* Region 2, Atlanta, Office of the Director 80/02/06 5pp

--8003310091 IE Insp Repts 50-321/80-02 & 50-366/80-02 on 800108-11 Noncompliance noted inadequate fire protection GA program, subst automatic sprinkler sys, incorrect type fire detectors in control room kitchen & inadequate fire barrier  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch MILLER, W H Region 2, Atlanta, Office of the Director 80/02/06 11pp

8003260226 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/12 2pp

8003250570 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260177 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### R Periodic operating reports & related correspondence

8003110615 Forwards "Interim Annual Operating Rept for 1979 "  
MANRY, M Georgia Power Co 80/02/28 1p

--8003110618 "Interim Annual Operating Rept for 1979 "  
COGGIN, C L Georgia Power Co 80/02/28 33pp

8003030551 Forwards "Semiannual Rept, Plant Radioactive Effluent Releases, Jul-Dec 1979 "  
MANRY, M Georgia Power Co 80/02/27 1p

--8003030558 "Semiannual Rept, Plant Radioactive Effluent Releases, Jul-Dec 1979 "  
\* Georgia Power Co 80/02/27 34pp

8003180556 Monthly operating reports for Feb 1980  
ROSEN, J W Georgia Power Co 80/03/10 12pp

#### S Reportable occurrences, LERs & related correspondence

8003040545 Forwards LER 80-012/03L-0  
MANRY, M Georgia Power Co 80/02/26 1p

--8003040555 LER 80-012/03L-0 on 800214, while at full power, RHR & plant svc water min flow line found to be inadequately supported  
Caused by design deficiency Design change request & maint request implemented to add supports  
COGGIN, C L Georgia Power Co 80/02/26 2pp

8003210391 Forwards LER 80-018/03L-0  
MANRY, M Georgia Power Co 80/03/11 1p

--8003210395 LER 80-018/03L-0 on 800220, during routine surveillance of torus-drywell vacuum breaker valves, valve 2T48-F323 failed to open Caused by foreign object in valve cylinder air supply line Air line purged & valve satisfactorily tested  
HIX, R T Georgia Power Co 80/03/11 2pp

8003210400 Forwards LER 80-023/03L-0  
MANRY, M Georgia Power Co 80/03/11 1p

8003210433 Forwards LER 80-022/01T-0  
MANRY, M Georgia Power Co 80/03/17 1p

--8003210438 LER 80-022/01T-0 on 800305, during cold shutdown, primary containment periodic type B & C leakage tests revealed that certain MSIVs were leaking in excess of Tech Specs Cause unknown Maint is incomplete  
COGGIN, C L Georgia Power Co 80/03/13 2pp

8003250395 Forwards LER 80-008/03L-1  
MANRY, M Georgia Power Co 80/03/17 1p

--8003250399 Revised LER 80-008/03L-1 on 800129, while increasing reactor power by rod withdrawal, operator noticed rod select matrix backlit & rod sequence control sys not initiating rod blocks properly Caused by design change  
COGGIN, C L Georgia Power Co 80/03/17 1p

#### DOCKET 50-367 BAILLY GENERATING STATION

##### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/GE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAFRI & GKSS data Proposed agenda encl  
ELTAMILA, F Containment Systems Branch 80/02/01 12pp

8003250183 Notification of 800220 onsite meeting w/utl to discuss review of foundation pile proposal by US Corps of Engineers  
LYNCH, M D Light Water Reactors Branch 4 80/02/17 3pp

8003060576 Expresses appreciation for participation in 800131 meeting in Indianapolis, IN re proposed dewatering criteria for const site Revised util monitoring plan should be carefully scrutinized re effects on IN Dunes Natl Lakeshore  
SHAW, W J Interior, Dept of, National Park Service 80/02/27 1p

8003070384 Forwards well charts for 800213-20, Bailly wells w/o records for 800220, pond levels for 800220, pneumatic pressure transducers for 800220 & water meter readings for 800220  
BOHN, R J Northern Indiana Public Service Co 80/02/29 32pp

8003240229 Forwards NRC 800128 ltr re NRC conclusions concerning control rod drive sys made on elimination of cracking in return line nozzle Also forwards NRC 800211 ltr concerning analyses of boiloff rates & drive sys makeup capability  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/11 2pp

8003240446 Forwards well & water level data obtained from nine ground-water observation wells installed in Great Marsh/Cowles Bog area One oversized drawing encl  
LAPHAM, W W Interior, Dept of, Geological Survey 80/03/14 37pp

8003310383 Forwards three Sargent & Lundy repts & 780413, 790629 & 0814 ltrs, re H-pile foundations in response to NRC request W/o encl  
BOHN, R J Northern Indiana Public Service Co 80/03/21 2pp

##### G Adjudicatory correspondence

8003040520 Opposes const of facility adjacent to Dunes Natl Lakeshore Site is worst in country Util should construct nonnuclear facility  
DECKER, G L Affiliation Unknown 79/12/26 2pp

# DOCKETED ITEMS

217

- 8003190611 Joint intervenors response in opposition to Northern IN Public Svc Co 800118 motion for establishment of prehearing conference schedule Request contrary to rules of practice & places unfair restraints on parties Certificate of Svc encl VOLLEN, R J Vollen, R J OSANN, E W Osann, E W GRAHAM, R L Graham, R L 80/02/04 7pp
- 8003240500 Opposes const of facility near IN Dunes Natl Seashore, due to population density FREY, B , FREY, B Affiliation Unknown 80/02/18 1p
- 8003040288 Response to State of IL 800219 motion for prehearing conference continuance until 800327-28 Urges adherence to schedule established per ASLB 800207 order due to impossible accommodation of all representatives W/Certificate of Svc SHEA, K H , EICHHORN, W H Northern Indiana Public Service Co SHEA, K H Lowenstein, Newman, Reis, Axelrad & Toll 80/02/20 5pp
- 8003240208 Motion by joint intervenors for reconsideration of ASLB order denying of IL motion for continuance re CP extension proceeding Urges continuance for petitions/ supplis filing & for prehearing conference Certificate of Svc encl VOLLEN, R J Vollen, R J 80/02/20 4pp
- 8003240214 Statement of chronological facts in State of IL motion for continuance ASLB order denying motion has been issued w/o presentation of positions by parties Certificate of Svc encl VOLLEN, R J Vollen, R J 80/02/20 5pp
- 8003280345 Supplemental petition & contentions per ASLB 800208 order re CP extension Urges establishment of schedule re unresolved legal issues, agreement on contentions, formal discovery & resolution of differences Certificate of Svc encl SCOTT, W J , SEKULER, S N Illinois, State of 80/02/20 23pp
- 8003240167 Requests that const of facility be stopped KAEMPF, K Affiliation Unknown 80/02/21 1p
- 8003050001 Response in opposition to Porter County Chapter of Isaac Walton League of America, Inc 800220 motion for reconsideration of State of IL request for continuance Urges compliance w/ASLB 800207 order W/Certificate of Svc AXELRAD, M , EICHHORN, W H Northern Indiana Public Service Co AXELRAD, M Lowenstein, Newman, Reis, Axelrad & Toll 80/02/25 6pp
- 8003240558 Amended petition to intervene opposing extension of facility CP NRC & util must consider safety issues before facility reaches OL stage NRC is unlikely to deny OL for safety reasons after money has been spent on const of facility SCHULTZ, G Affiliation Unknown 80/02/25 4pp
- 8003030073 Forwards HR Denton 800212 ltr to State of IL Atty General transmitting FR notice re State of IL 791113 request to halt facility const due to proximity to major urban area Request being treated under 10CFR2 206 GOLDBERG, S C Hearing Branch 2 80/02/26 1p
- 8003030076 Ack receipt of 791113 ltr from IL Atty General requesting to halt const due to facility location near major urban area Action will be taken under 10CFR2 206, per encl FR notice DENTON, H R Office of Nuclear Reactor Regulation 80/02/12 2pp
- 8003030078 Notice of State of IL request to halt facility const due to proximity to major urban area Action will be taken under 10CFR 206 DENTON, H R Office of Nuclear Reactor Regulation 80/02/12 1p
- 8003130210 Suppl to 800223 petition to intervene New developments since original CP granted give cause for hearing to update CP GRABOWSKI, A , GRABOWSKI, A Affiliation Unknown 80/02/27 6pp
- 8003280063 Informs of Porter County, IN 800317 public hearing re encl petition concerning improvement Location Permit 74-290 Intends to show that permits invalid ENO, J R Affiliation Unknown 80/02/27 4pp
- 8003310094 Notice by joint intervenors of adoption of contentions of State of IL 800226 supplemental petition cited in Paragraphs 1,4,5,6,7 & 8 Certificate of Svc encl VOLLEN, R J Vollen, R J 80/02/27 3pp
- 8003240088 Advises that Northern IN Public Svc Co contacted intervenors to make arrangements re supplementary filings, Confirms 800227 delivery of Shultz, State of IL, City of Gary et al & Porter County Chapter et al pleadings W/Certificate of Svc SHEA, K H Lowenstein, Newman, Reis, Axelrad & Toll 80/02/28 5pp
- 8003070027 Order denying joint intervenors' motion for reconsideration of ASLB rejection to State of IL motion for continuance Alleged ex parte communications do not involve factual or substantive issues but rather procedure-related matters GROSSMAN, H Atomic Safety and Licensing Board Panel 80/03/03 4pp
- 8003130207 Response to supplemental intervention petitions Isaac Walton League, State of IL, G Schults, O&A Grabowski & City of Gary, IN did not prove interest Petitioners except Schults & City of Gary, satisfied contention requirements W/Certificate of Svc GOLDBERG, S C Hearing Branch 2 80/03/07 3app
- 8003170469 Discusses 800220 telcon re 800219 denial of State of IL motion for continuance Order documenting denial will be filed Addl motion re State of IL contentions may be filed SEKULER, S N Illinois, State of 80/03/07 1p
- 8003240443 Notice of advising parties of ASLB order shifting 800312 prehearing conference re CP extension to Natl Guard Armory, Valparaiso, IN Certificate of Svc encl VOLLEN, R J Vollen, R J 80/03/07 3pp
- 8003270194 Second order shifting site of 800312 prehearing conference re CP extension to Natl Guard Armory, Valparaiso, IN GROSSMAN, H Atomic Safety and Licensing Board Panel 80/03/07 1p
- 8003190155 Notice of appearance in proceeding Certificate of Svc encl GODDARD, R J Hearing Branch 2 80/03/10 3pp
- H General correspondence
- 8002280391 Requests placement on mailing list for activities of utils BENNETT, C L Affiliation Unknown 80/02/20 1p
- 8003240625 Responds to request for placement on svc lists for facilities Lists are limited to parties who take part in CP or OL proceedings Svc list info is routinely available in LPRs, which are located near nuclear facilities RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/10 5pp
- G Inspection reports, IF Bulletins & correspondence
- 8003120183 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p
- 8003140234 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p
- 8003110134 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p
- 8003190357 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p
- 8003100035 Responds to IF Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Switches have not been & will not be installed on any safety-related equipment inside or outside containment SHORB, E M Northern Indiana Public Service Co 80/02/14 1p
- 8003110186 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p
- 8003250426 Responds to 800206 IE Bulletin 80-03 In-line tray type charcoal adsorber cells not yet purchased Designs will be reviewed prior to purchasing cells SHORB, E M Northern Indiana Public Service Co 80/02/27 1p
- 8003120374 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

## DOCKETED ITEMS

8003260072 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260505 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260708 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250113 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003250377 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

**R Periodic operating reports & related correspondence**

8003030493 Forwards well charts for 800206-13 Bailey Wells w/o recorders, pond levels, pneumatic pressure transducers, water meter readings & preliminary info re logs of wells & water levels in Great Marsh in vicinity of Cowles Bog for 800213  
BOHN, R J Northern Indiana Public Service Co 80/02/22 55pp

8003040409 Notifies that as of 800116, interdunal ponds where water has receded from point of data collection will be reported as inaccessible Ponds which are completely w/o water will be as reported dry TX Instruments monitoring results encl  
BOHN, R J Northern Indiana Public Service Co 80/02/26 4pp

8003200267 Forwards "Fall 1979 Quarterly Rept Encompassing Oct-Dec 1979," re ecological monitoring program Facility has no discernible effect on environ  
PURCELL, J F Northern Indiana Public Service Co 80/02/26 2pp

--8003200278 "Fall 1979 Quarterly Rept Encompassing Oct-Dec 1979 " \* Texas Instruments, Inc 80/01/31 300pp

8003180458 Forwards 800220-27 well charts & 800227 Bailey Wells w/o recorders, pond levels, pneumatic pressure transducers & water meter readings  
BOHN, R J Northern Indiana Public Service Co 80/03/07 32pp

8003260619 Forwards well charts for 800227-0305, Bailey Wells w/o recorders, pond levels, pneumatic pressure transducers, water meter readings & USGS wells for 800305  
BOHN, R J Northern Indiana Public Service Co 80/03/14 33pp

8003240393 Forwards "Water Levels in USGS Wells Near Site, Feb 1980 (Amended Version of 800318)," replacing original data submitted on 800314 Original table incorrect  
LAPHAM, W W Interior, Dept of, Geological Survey 80/03/18 2pp

8003270430 Forwards well charts for 800305-13, Bailey wells w/o recorders for 800312, pond levels for 800312, pneumatic pressure transducers, water meter readings & USGS wells for 800313  
BOHN, R J Northern Indiana Public Service Co 80/03/21 33pp

**T Hearing transcripts on non-antitrust matters**

8003270104 Transcript of 800312 hearing in Valparaiso, IN Pp 1-159  
GROSSMAN, H Atomic Safety and Licensing Board Panel 80/03/12 160pp

8003250181 Transcript of 800313 hearing in Valparaiso, IN Pp 158-372 \* Atomic Safety and Licensing Board Panel 80/03/13 225pp

**U Congressional/Executive Correspondence**

8003200063 Responds to 800222 ltr requesting info re NRC response to intervention petitions in proceeding NRC atty cannot be questioned about filing in proceeding in progress w/o jeopardizing outcome Describes adjudicatory process  
BICKWIT, L Office of the General Counsel 80/02/29 2pp

--8003200070 Request, info re NRC response to intervention petitions in proceedings  
FITHIAN, F J House of Rep , Foreign Affairs 80/02/22 2pp

8003280194 Requests investigation into matl of encl 800220 ltr from constituent J Dayless  
BAYH, D Senate 80/03/15 2pp

**DOCKET 50-368 ARKANSAS NUCLEAR ONE UNIT 2**

**F Security, medical, emergency & fire protection plans**

8003050184 Forwards response to NRC 800117 ltr requesting design descriptions of fire barriers to be provided in cable spreading room  
TRIMBLE, D C Arkansas Power & Light Co 80/02/28 7pp

8003170147 Forwards revision to safeguards contingency plan Plan withheld (ref 10CFR2 790)  
TRIMBLE, D C Arkansas Power & Light Co 80/03/07 1p

**P Operating license stage documents & correspondence**

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis "  
POWERS, D A Core Performance Branch 79/11/30 104pp

8003100051 Provides info in response to NRC 800130 request re steam dump valve failure, pressurized spray valve failure & need to rerun 100% turbine trip test Does not intend to reperform turbine trip test from 100% power  
CAVANAUGH, W Arkansas Power & Light Co 80/02/05 4pp

8003140441 Discusses mods re abnormal equipment performance during 800129 turbine trip test NRC concurrence for operation beyond Mode 3, based on completion of NUREG-0578 mods & listed items, will be conveyed by resident inspectors  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/06 2pp

8003240548 Discusses 800124 meeting w/util at site re safety impact assessment of near-term DN issues per draft NUREG-0660 Meeting beneficial in identifying safety concerns  
HADBEN, G L Region 4 Dallas, Office of the Director 80/02/13 1p

8003190391 Confirms schedule for 800311 & 12 meeting w/util to review inservice testing program Meeting schedule & comments, questions & concerns re program encl  
REID, R W Operating Reactors Branch 4 80/02/21 17pp

8003030250 Responds to 800103 ltr re containment purge sys Describes engineered safeguards feature actuation sys, EACS bypass controls & annunciation, containment isolation & automatic reopening Drawings available in Control Files only  
TRIMBLE, D C Arkansas Power & Light Co 80/02/22 2pp

8003040477 Forwards info re implementation of INI-2 Lessons Learned Task force short-term requirements  
TRIMBLE, D C Arkansas Power & Light Co 80/02/29 2pp

8003130544 Notifies that no procedure changes necessary to lessen probability of consequences of boron dilution incident, per 800115 ltr  
TRIMBLE, D C Arkansas Power & Light Co 80/03/03 1p

8003200007 Summary of 800111 meeting w/Bechtel & licensees re masonry wall & pipe support structural interdisciplinary coordination  
LICCIARDO, R Operating Reactors Branch 1 80/03/03 16pp

8003110598 Forwards "Startup Rept, Suppl 2 for Period Ending 800129 " Suppls will continue until completion of startup test program & commencement of commercial power operation  
TRIMBLE, D C Arkansas Power & Light Co 80/03/06 1p

--8003110600 "Startup Rept, Suppl 2 for Period Ending 800129 " \* Arkansas Power & Light Co 80/01/29 182pp

# DOCKETED ITEMS

219

8003280255 Provides responses to questions contained in NRC 800223 ltr re containment isolation valves Figures re low pressure injection encl  
STEEL, C L Arkansas Power & Light Co 80/03/24 5pp

## G Inspection reports, IE Bulletins & correspondence

8003190483 Ack receipt of 800102 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 80-313/79-16 & 80-368/79-14  
MADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/01/25 1p

--8003190408 Responds to NRC ltr re violations noted in IE Insp Repts 80-313/79-16 & 80-368/79-14 Corrective actions design control & drawing control procedures being revised  
Constructing program to flag design changes to operations  
TRIMBLE, D C Arkansas Power & Light Co 80/01/02 5pp

8003110343 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003140156 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/04 1p

8003110199 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003250598 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/08 1p

8003240251 Discusses status of efforts re IE Bulletin 79-01 Unable to complete all bulletin items within 45 days Submits projected schedule for completion of items  
TRIMBLE, D C Arkansas Power & Light Co 80/02/22 2pp

8003140012 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003250196 Forwards response to in-containment portion of three sys for Items 1, 2 & 3 of IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Partial master sys list of safety features to mitigate LOCA or HELB encl  
TRIMBLE, D C Arkansas Power & Light Co 80/02/28 95pp

8003120304 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003140312 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 7pp

8003180101 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/06 1p

8003180001 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190205 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003240111 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003240580 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Val Control Sys (CVCS) Holdup Tanks " Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003240338 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003290405 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003240307 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## R Periodic operating reports & related correspondence

8003050188 Forwards "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
TRIMBLE, D C Arkansas Power & Light Co 80/02/25 1p

--8003050192 "Semiannual Radioactive Effluent Rept, Jul-Dec 1979 "  
\* Arkansas Power & Light Co 80/02/25 8pp

8003180518 Forwards monthly operating rept for Feb 1980  
TRIMBLE, D C Arkansas Power & Light Co 80/03/14 1p

--8003180520 Monthly operating rept for Feb 1980  
PENDERGRAFT, R Arkansas Power & Light Co 80/03/14 5pp

8003250437 Forwards corrected monthly operating rept for Jan 1980  
TRIMBLE, D C Arkansas Power & Light Co 80/03/18 10pp

--8003250467 Corrected monthly operating rept for Jan 1980  
PENDERGRAFT, R A Arkansas Power & Light Co 80/02/15 1p

## S Reportable occurrences, LERs & related correspondence

8003240049 Confirms 800207 telcon re failure of valves Forwards Part 21 rept  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

--8003240078 Part 21 rept on 800116, motor operated gate valve installed in test loop failed to close completely when actuated under operating conditions Caused by inadequate guiding of valve gate Gate guides were modified & retested  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

8003030532 Forwards LERs 80-007/03L-0 & 80-008/03L-0  
TRIMBLE, D C Arkansas Power & Light Co 80/02/22 1p

--8003030538 LER 80-007/03L-0 on 800124, during mode 1 operation, sodium hydroxide tank level found to be 93% of indicated level Following calibr, level found to be below Tech Spec limits Cause not stated Tank levels returned to operable limits  
PENDERGRAFT, R Arkansas Power & Light Co 80/02/22 1p

--8003030540 LER 80-008/03L-0 on 800128, during mode 1 operation, core protection calculator B failed Cause not determined Core protection calculator B restored & functionally tested  
PENDERGRAFT, R Arkansas Power & Light Co 80/02/22 1p

8003190089 PNO-IV-80-008 on 800222, during 24 h surveillance test run, fire was discovered in generator bearing of Unit 2, emergency diesel generator 1 Apparently caused by bearing failure Fire quickly extinguished by plant fire team  
WESTERMAN, T F, MADSEN, G L Region 4, Dallas, Office of the Director 80/02/22 1p

8003310382 Forwards LER 80-009/03L-0  
TRIMBLE, D C Arkansas Power & Light Co 80/02/28 1p

--8003310390 LER 80-009/03L-0 on 800129, during Mode 3 operation following reactor trip from 100% power, I-131 value of 1.67 uCi was observed Caused by expected spike following reactor trip No corrective actions necessary  
PENDERGRAFT, R Arkansas Power & Light Co 80/02/28 1p

## DOCKETED ITEMS

8003180475 Forwards LERs 80-012/03L-0, 80-011/03L-0 & 80-010/03L-0  
TRIMBLE, D C Arkansas Power & Light Co 80/03/13 1p

--8003180478 LER 80-012/03L-0 on 800222, during Mode 5 operation, while  
performing surveillance tests on diesel generator 1, unit  
became inoperable. Caused by broken generator rotor shaft in  
area of motor end bearing housing. Analyzing exact cause.  
PENDERGRAFT, R Arkansas Power & Light Co 80/03/13 1p

--8003180483 LER 80-011/03L-0 on 800214, during Mode 5 operation, while  
performing local leak rate test, five containment penetration  
leak rates exceeded Tech Specs. Caused by corrosion buildup  
on seating surface on valves needing adjustment.  
PENDERGRAFT, R Arkansas Power & Light Co 80/03/13 1p

--8003180491 LER 80-010/03L-0 on 800212, during Mode 5 operation,  
discovered that Tech Spec 24-month local leak rate  
surveillance requirements had not been performed. Caused by  
confusion over 24-month surveillance interval.  
PENDERGRAFT, R Arkansas Power & Light Co 80/03/13 1p

#### DOCKET 50-369 WILLIAM B MCQUIRE NUCLEAR STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003240552 Notifies of change in review procedures for equipment  
qualification documentation. Requests util conduct review  
identifying degree of compliance w/NUREG-0588 Data requested  
in NRC 791015 ltr required.  
BAER, R L Light Water Reactors Branch 2 80/02/15 4pp

8003190178 Requests test rept omitted from 791219 ltr re analysis  
demonstrating environ qualification of pressure transmitters.  
NRC 791116 ltr advised WCAP-9157 test results unacceptable.  
BAER, R L Light Water Reactors Branch 2 80/02/19 4pp

8003240033 Notification of 800227 meeting w/util in Charlotte, NC to  
discuss mgc organization.  
BIRKEL, R A Light Water Reactors Branch 2 80/02/20 4pp

8003040211 Notification of 800228 meeting w/util in Bethesda, MD to  
discuss OL requirements including TMI action plan subset  
items.  
BIRKEL, R A Light Water Reactors Branch 2 80/02/21 3pp

8003120419 Notification of cancellation of 800228 meeting w/util in  
Bethesda, MD to discuss OL requirements including TMI action  
plan subset items.  
BIRKEL, R A Light Water Reactors Branch 2 80/02/27 4pp

8003240321 Forwards request for further info needed for review of steam  
generator level measurement errors. Addl info already  
provided in 791218 ltr was insufficient. Requests response  
by 800321.  
BAER, R L Light Water Reactors Branch 2 80/02/29 5pp

8003250276 Notification of 800327 meeting w/util in Bethesda, MD to  
discuss OL requirements including TMI action plan subset  
items.  
BIRKEL, R A Light Water Reactors Branch 2 80/03/03 2pp

8003260142 Requests rept re hydrogen skimmer & containment air return  
fan motors be included in response to NRC 800215 request for  
review of equipment qualification program. Encl NRC 800303  
memo to Central Files only.  
BAER, R L Light Water Reactors Branch 2 80/03/07 4pp

8003240148 Forwards Ames Lab 800212 ltr presenting estimate of  
statistical parameters for McQuire containment design  
variables. Requests addl info on reinforcement thickness &  
size & penetrating shell thicknesses for equipment.  
BAER, R L Light Water Reactors Branch 2 80/03/10 4pp

8003170312 Responds to NRC 800212 ltr re deficiencies in rod drop  
analysis. Commits to enhancing protection against dropped  
control rod events.  
PARKER, W O Duke Power Co 80/03/12 1p

8003200400 Forwards offsite dose calculation manual, supplementing  
ET6 & replacing draft manual submitted on 791025.  
PARKER, W O Duke Power Co 80/03/17 1p

--8003200403 Offsite dose calculation manual  
\* Duke Power Co 80/03/17 100pp

8003280553 Informs that NRC 800229 request for addl info re steam  
generator level measurement errors is being reviewed.  
Response to request will be provided by 800415.  
PARKER, W O Duke Power Co 80/03/21 1p

##### F Security, medical, emergency & fire protection plans

8002120108 Responds to 791206 request for review & evaluation of  
unresolved items re facility fire protection sys. Fire  
protection pumps are acceptable. Applicant should correct  
item re water flow alarm indication.  
MOORE, V A Assistant Director for Plant Systems 80/01/15 2pp

8002200068 Submits transfer of lead responsibility for unresolved fire  
protection on items re fire pumps & cable spreading room  
fire suppression sys. Ofc on Nuclear Reactor Regulation will  
evaluate open items.  
REINHUTH, G W Division of Reactor Construction Inspection  
79/12/06 4pp

8003240152 Requests that util verify proper installation of water flow  
alarms in dry pipe suppression sys. VA Moore 800115 memo &  
791206 transfer of lead responsibility encl.  
LAINAS, O Plant Systems Branch 80/01/24 2pp

8003280287 Forwards draft State of NC radiological emergency response  
plan in support of fixed nuclear facilities & util revised  
draft emergency plan.  
PARKER, W O Duke Power Co 80/03/20 1p

--8003280298 Draft State of NC radiological emergency response plan in  
support of fixed nuclear facilities  
\* North Carolina, State of 79/10/11 133pp

--8003280304 Emergency plan  
\* Duke Power Co 80/03/20 140pp

##### G Inspection reports, IE Bulletins & correspondence

8003050178 Forwards IE circular 77-01, "Malfunctions of Limitorgue  
Valve Operators".  
MOSELEY, N C Region 2, Atlanta, Office of the Director 77/01/06  
3pp

8003170031 Forwards IE Info Notice 80-03, "Main Turbine  
Electrohydraulic Control Sys." No specific action or  
response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
2pp

8003190095 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference." No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work  
Hours." No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01  
1p

8003240107 Responds to IE Bulletin 79-28 re NAMCO EA180 limit switches.  
Top gaskets will be replaced per manufacturer  
recommendations prior to fuel loading.  
PARKER, W O Duke Power Co 80/02/05 1p

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type  
II, Two-Inch, Tray Adsorber Cells." Action required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06  
2pp

8003180036 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line  
Break W/Continued Feedwater Addition." Written response  
required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of  
Safety-Related Piping & Components." No written response  
required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
1p

8003060162 Ack receipt of IE Insp Rept 50-369/79-39 on 791205-07. No  
proprietary info.  
PARKER, W O Duke Power Co 80/02/13 1p.

# DOCKETED ITEMS

221

--8003060167 Forwards IE Insp Rept 50-369/79-39 on 791205-07 No noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/24 2pp

--8003060176 IE Insp Rept 50-369/79-39 on 791205-07 No noncompliance noted Major areas inspected observation of preoperational test & ice loading operations & review of previous insp findings  
DONAT, T J Region 2, Atlanta, Office of the Director MARTIN, R D Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/23 4pp

8003140038 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180171 Forwards supplemental info to IE Bulletin 79-01B, "Environmental qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003310392 Forwards response to IE Bulletin 79-27 Loss of power to any one instrumentation & control bus will not inhibit ability to reach cold shutdown No design mods required Methods for restoring power to buses are in existing procedures  
PARKER, W D Duke Power Co 80/02/29 2pp

8003180123 Forward IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/06 2pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180070 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260209 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250561 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

B Reportable occurrences, LERs & related correspondence

8003030409 Forwards Significant Deficiency Rept SD 369-370/79-12  
PARKER, W D Duke Power Co 80/01/04 1p

--8003030410 Significant Deficiency Rept SD-369/370/79-12 on 800104, resistance temp detector had insufficient qualification data for radiation levels postulated in containment during accident condition  
\* Duke Power Co 80/01/04 1p

8003100161 PNO-11-80-021 on 800204, GC inspectors qualified for inspecting pipe hangers terminated for cheating on test that would have expanded expertise Licensee expects employees to create media interest  
MCFARLAND, C R, HUNT, M Region 2, Atlanta, Office of the Director 80/02/08 1p

8003240069 Confirms 800207 telcon re failure of valves Forwards Part 21 rept  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

--8003240078 Part 21 rept on 800116, motor operated gate valve installed in test loop failed to close completely when actuated under operating conditions Caused by inadequate guiding of valve gate Gate guides were modified & retested  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

8003110349 Forwards Deficiency Rept SD 369-370/80-01  
PARKER, W D Duke Power Co 80/02/29 1p

--8003110358 Deficiency Rept SD-369/370-80-1 during testing, 14 relays & trip devices did not meet time current characteristic specs of relay for application Output sodium-cooled reactors in relays found to be deficient & will be replaced by 800601  
\* Duke Power Co 80/02/29 2pp

DOCKET 50-370 WILLIAM B MCQUIRE NUCLEAR STATION, UNIT 2

A Application/construction stage documents & correspondence

8003280527 Submits update to 791213 ltr re status of investigations into Framatome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003240552 Notifies of change in review procedures for equipment qualification documentation Requests util conduct review identifying degree of compliance w/NUREG-0588 Data requested in NRC 791015 ltr required  
BAER, R L Light Water Reactors Branch 2 80/02/15 4pp

8003190198 Requests test rept omitted from 791219 ltr re analysis demonstrating environ qualification of pressure transmitters NRC 791116 ltr advised WCAP-9157 test results unacceptable  
BAER, R L Light Water Reactors Branch 2 80/02/19 4pp

8003240033 Notification of 800227 meeting w/util in Charlotte, NC to discuss mgt organization  
BIRKEL, R A Light Water Reactors Branch 2 80/02/20 4pp

8003040211 Notification of 800228 meeting w/util in Bethesda, MD to discuss OL requirements including TMI action plan subset items  
BIRKEL, R A Light Water Reactors Branch 2 80/02/21 3pp

8003120419 Notification of cancellation of 800228 meeting w/util in Bethesda, MD to discuss OL requirements including TMI action plan subset items  
BIRKEL, R A Light Water Reactors Branch 2 80/02/27 4pp

8003240321 Forwards request for further info needed for review of steam generator level measurement errors Addl info already provided in 791218 ltr was insufficient Requests response by 800321  
BAER, R L Light Water Reactors Branch 2 80/02/29 5pp

8003250276 Notification of 800327 meeting w/util in Bethesda, MD to discuss OL requirements including TMI action plan subset items  
BIRKEL, R A Light Water Reactors Branch 2 80/03/03 2pp

8003260142 Requests rept re hydrogen skimmer & containment air return fan motors be included in response to NRC 800215 request for review of equipment qualification program Encl NRC 800303 memo to Central Files only  
BAER, R L Light Water Reactors Branch 2 80/03/07 4pp

8003240148 Forwards Ames Lab 800212 ltr presenting estimate of statistical parameters for McQuire containment design variables Requests addl info on reinforcement thickness & size & penetrating shell thicknesses for equipment  
BAER, R L Light Water Reactors Branch 2 80/03/10 4pp

8003170312 Responds to NRC 800212 ltr re deficiencies in rod drop analysis Commits to enhancing protection against dropped control rod events  
PARKER, W D Duke Power Co 80/03/12 1p



## DOCKETED ITEMS

8003200400 Forwards offsite dose calculation manual, supplementing ETS, replacing draft manual submitted on 791025  
PARKER, W O Duke Power Co 80/03/17 1p

--8003200403 Offsite dose calculation manual  
\* Duke Power Co 80/03/17 100pp

8003280593 Informs that NRC 800227 request for addl info re steam generator level measurement errors is being reviewed  
Response to request will be provided by 800415  
PARKER, W O Duke Power Co 80/03/21 1p

#### F Security, medical, emergency & fire protection plans

8002120108 Responds to 791206 request for review & evaluation of unresolved items re facility fire protection sys Fire protection pumps are acceptable Applicant should correct item re water flow alarm indication  
MOORE, V A Assistant Director for Plant Systems 80/01/15 2pp

8002200068 Submits transfer of lead responsibility for unresolved fire protection on items re fire pumps & cable spreading room fire suppression sys DFC on Nuclear Reactor Regulation will evaluate open items  
REINHUTH, G W Division of Reactor Construction Inspection 79/12/06 4pp

8003240152 Requests that util verify proper installation of water flow alarms in dry pipe suppression sys VA Moore 800115 memo & 791206 transfer of lead responsibility encl  
LAINAS, G Plant Systems Branch 80/01/24 2pp

8003280287 Forwards draft State of NC radiological emergency response plan in support of fired nuclear facilities & util revised draft emergency plan  
PARKER, W O Duke Power Co 80/03/20 1p

--8003280298 Draft State of NC radiological emergency response plan in support of fired nuclear facilities  
\* North Carolina, State of 79/10/11 133pp

--8003280304 Emergency plan  
\* Duke Power Co 80/03/20 140pp

#### G Inspection reports, IE Bulletins & correspondence

8003050178 Forwards IE circular 77-01, "Malfunctions of Limiting Valve Operators"  
MOSELEY, N C Region 2, Atlanta, Office of the Director 77/01/06 3pp

8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190095 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003240107 Responds to IE Bulletin 79-28 re NAKCD EA180 limit switches Top gaskets will be replaced per manufacturer recommendations prior to fuel loading  
PARKER, W O Duke Power Co 80/02/05 1p

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180046 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Addition" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003140038 Forwards IE Info Notice 80-06, "Notification of Significant Events" No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003310392 Forwards response to IE Bulletin 79-27 Loss of power to any one instrumentation & control bus will not inhibit ability to reach cold shutdown No design mods required Methods for restoring power to buses are in existing procedures  
PARKER, W O Duke Power Co 80/02/29 2pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260209 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250561 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### S Reportable occurrences, LERs & related correspondence

8003030409 Forwards Significant Deficiency Rept SD 369-370/79-12  
PARKER, W O Duke Power Co 80/01/04 1p

--8003030410 Significant Deficiency Rept SD-369/370/79-12 on 800104, resistance temp detector had insufficient qualification data for radiation levels postulated in containment during accident condition  
\* Duke Power Co 80/01/04 1p

8003100161 PNO-II-80-021 on 800208, QC inspectors qualified for inspecting pipe hangers terminated for cheating on test that would have expanded expertise Licensee expects employees to create media interest  
MCFARLAND, C R, HUNT, M Region 2, Atlanta, Office of the Director 80/02/08 1p

8003110349 Forwards Deficiency Rept SD 369-370/80-01  
PARKER, W O Duke Power Co 80/02/29 1p

--8003110358 Deficiency Rept SD-369/370-80-1 during testing, 14 relays & trip devices did not meet time current characteristic specs of relay for application Output sodium-cooled reactors in relays found to be deficient & will be replaced by 800601  
\* Duke Power Co 80/02/29 2pp

#### DOCKET 50-373 LASALLE COUNTY STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/OE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & OKSS data Proposed agenda encl  
ELTANIL, A F Containment Systems Branch 80/02/01 12pp

# DOCKETED ITEMS

223

8003060545 Requests NRC approval of use of ASME-Case N-241 to exempt certain piping from hydrostatic testing ASME Code Case N-241 & discussion of intended use of code case encl  
DELGEDORE, L O Commonwealth Edison Co 80/02/26 3pp

8003040521 Forwards "In-Plant Safety Relief Valve Test," Revision 2, in response to Item IIB of NUREG-0478  
DELGEDORE, L O Commonwealth Edison Co 80/02/28 1p

--8003040526 "In-Plant Safety Relief Valve Test," Revision 2  
\* Commonwealth Edison Co 79/11/21 78pp

8003240631 Forwards rept on 791120 site visit  
BOURNIA, A Light Water Reactors Branch 3 80/02/28 2pp

--8003240641 Discusses 791120 site visit for orientation of new NRC reviewers No specific or new fire protection items discussed  
HARRISON, G Auxiliary Systems Branch 80/02/26 2pp

800310349 Forwards NRC 800128 ltr re NRC conclusions concerning proposed control rod drive sys mods & NRC 800211 ltr concerning addl analyses of boiloff rates & control rod drive sys makeup capability  
PARR, D D Light Water Reactors Branch 3 80/03/06 2pp

8003180444 Provides certification that plant discharge to IL River will comply w/limitations of Federal Water Pollution Control Act, IL Environ Protection Act & implementing federal regulations  
MCBWI00IN, T G Illinois, State of 80/03/11 1p

8003180530 Provides certification that plant discharges to IL River will comply w/limitations of Federal Water Pollution Control Act, IL Environ Protection Act & implementing federal regulations  
MCBWI00IN, T G Illinois, State of 80/03/11 1p

8003240044 Notifies that review of util proposed fog & ice monitoring program for cooling lake is complete Program complies w/requirements set forth in FES Requests clarification re protection of public during hazardous conditions  
BALLARD, R L Environmental Projects Branch 1 80/03/11 2pp

8003240193 Confirms plans to meet w/util & mgt representatives on 800228 at Byron const site to discuss insp findings re const activities at facilities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11 1p

## F Security, medical, emergency & fire protection plans

8003030169 Notification of 800228 meeting w/util in LA Salle, IL to review potential addl fire protection measures, in certain fire zones  
BOURNIA, A Light Water Reactors Branch 3 80/02/15 2pp

8003170140 Summary of 800207 & 08 meeting w/util re fire protection responses Majority of responses acceptable Util agreed to consider separating auxiliary room redundant equipment by fire wall  
BOURNIA, A Light Water Reactors Branch 3 80/02/15 4pp

8003240127 Forwards request for addl info re safeguards contingency plan Requests response within 30 days Request withheld from public disclosure  
PARR, D D Light Water Reactors Branch 3 80/02/21 2pp

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

--8003210563 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "  
\* Stone & Webster Engineering Corp 80/01/31 48pp.

## H General correspondence

8003200194 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 2pp.

--8003200212 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

--8003200215 Confirms 800207 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

--8003200217 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

## K Utility Final Safety Analysis Report (FSAR) & amends

8003190342 Forwards Amend 4B to FSAR, containing responses to 33 second round questions & voluntary test & response revisions Also forwards electrical control & instrumentation drawings re FSAR Section 1.7 Drawings available in Central Files only  
PEOPLES, D L Commonwealth Edison Co 80/03/13 1p

--8003190347 Amend 4B to FSAR Oversize drawings encl  
\* Commonwealth Edison Co 80/02/29 580pp

## G Inspection reports, IE Bulletins & correspondence

8003130155 Forwards IE Insp Rept 50-373/79-44 on 791101-1231 No noncompliance noted  
HEISHMAN, R F Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/30 2pp

--8003130163 IE Insp Rept 50-373/79-44 on 791101-1231 No noncompliance noted Major areas inspected witnessing of preoperational testing, maint/surveillance procedure review & emergency abnormal procedure review  
WALKER, R D, SPESSARD, R L Region 3, Chicago, Office of the Director 80/01/29 7pp

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p.

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260029 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

## DOCKETED ITEMS

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260269 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### DOCKET 50-374 LASALLE COUNTY STATION, UNIT 2

##### A Application/construction stage documents & correspondence

8003060545 Requests NRC approval of use of ASME-Case N-241 to exempt certain piping from hydrostatic testing ASME Code Case N-241 & discussion of intended use of code case encl  
DELOERBE, L O Commonwealth Edison Co 80/02/26 3pp

8003240631 Forwards rept on 791120 site visit  
BOURNIA, A Light Water Reactors Branch 3 80/02/28 2pp

--8003240641 Discusses 791120 site visit for orientation of new NRC reviewers No specific or new fire protection items discussed  
HARRISON, G Auxiliary Systems Branch 80/02/26 2pp

8003180349 Forwards NRC 800128 ltr re NRC conclusions concerning proposed control rod drive sys mods & NRC 800211 ltr concerning addl analyses of boiloff rates & control rod drive sys makeup capability  
PARR, O D Light Water Reactors Branch 3 80/03/06 2pp

8003180444 Provides certification that plant discharge to IL River will comply w/limitations of Federal Water Pollution Control Act, IL Environ Protection Act & implementing federal regulations  
MCBWIQQIN, T O Illinois, State of 80/03/11 1p

8003180530 Provides certification that plant discharges to IL River will comply w/limitations of Federal Water Pollution Control Act, IL Environ Protection Act & implementing federal regulations  
MCBWIQQIN, T O Illinois, State of 80/03/11 1p

8003240044 Notifies that review of util proposed fog & ice monitoring program for cooling lake is complete Program complies w/requirements set forth in PES Requests clarification re protection of public during hazardous conditions  
BALLARD, R L Environmental Projects Branch 1 80/03/11 2pp

8003240193 Confirms plans to meet w/util & mgt representatives on 800328 at Byron const site to discuss insp findings re const activities at facilities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11 1p

##### F Security, medical, emergency & fire protection plans

8003050169 Notification of 800228 meeting w/util in LA Salle, IL to review potential addl fire protection measures, in certain fire zones  
BOURNIA, A Light Water Reactors Branch 3 80/02/15 2pp

8003170140 Summary of 800207 & 08 meeting w/util re fire protection responses Majority of responses acceptable Util agreed to consider separating auxiliary room redundant equipment by fire wall  
BOURNIA, A Light Water Reactors Branch 3 80/02/15 4pp

8003240127 Forwards request for addl info re safeguards contingency plan Requests response within 30 days Request withheld from public disclosure  
PARR, O D Light Water Reactors Branch 3 80/02/21 2pp

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEDPLES, D L Commonwealth Edison Co 80/03/11 4pp

--8003210563 "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone "  
\* Stone & Webster Engineering Corp 80/01/31 48pp

##### H General correspondence

8003200194 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 2pp

--8003200212 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

---8003200215 Confirms 800207 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

--8003200217 Confirms 800227 meeting in Ottawa, IL re resident insp program Agenda encl  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/21 1p

##### K Utility Final Safety Analysis Report (FSAR) & amends

8003190342 Forwards Amend 48 to FSAR, containing responses to 33 second round questions & voluntary text & response revisions Also Forwards electrical control & instrumentation drawings re FSAR Section 1.7 Drawings available in Central Files only  
PEDPLES, D L Commonwealth Edison Co 80/03/13 1p

---8003190347 Amend 48 to FSAR Oversize drawings encl  
\* Commonwealth Edison Co 80/02/29 580pp

##### G Inspection reports, IE Bulletins & correspondence

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003150316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120675 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

# DOCKETED ITEMS

225

8003260148 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260029 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260269 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003030515 Final deficiency rept re isolated defects in stub columns All stub columns repaired Single spacer plate of same matl on order Insp made of 100% of Unit 2 Insp of Unit 1 70% complete  
PEOPLES, D L Commonwealth Edison Co 80/02/27 4pp

## DOCKET 50-375 NUCLEAR EXAMINATION REACTOR

### P Operating license stage documents & correspondence

8003170154 Forwards application to authorize dismantling of L-83 facility, disposal of component parts & voluntary surrender of License R-118 Also forwards statement of support Fee encl  
REMLEY, M E Rockwell International Corp 80/03/10 7pp

### Q Inspection reports, IE Bulletins & correspondence

8003120648 Forwards IE Insp Rept 50-375/80-01 on 800110-11 & notice of violation Encls withheld (ref 10CFR2.790)  
NORDERHAUO, L R Region 5, San Francisco, Safeguards Branch 80/02/15 2pp

8003170004 Forwards IE Insp Rept 50-375/80-01 on 800109 & notices of violation & deviation Insp rept & notices withheld (ref 10CFR2.790)  
NORDERHAUO, L R Region 5, San Francisco, Safeguards Branch 80/02/15 2pp

8003120754 Forwards IE Insp Repts 70-0025/80-02 & 50-375/80-01 on 800202-15 No noncompliance noted Insp Repts withheld (ref 10CFR2.790)  
NORDERHAUO, L R Region 5, San Francisco, Safeguards Branch 80/02/28 2pp

## DOCKET 50-378 CAORSO NUCLEAR STATION

### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/OE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & OKBS data Proposed agenda encl  
ELTANILA, F Containment Systems Branch 80/02/01 12pp

## DOCKET 50-382 WATERFORD GENERATING STATION, UNIT 3

### A Application/construction stage documents & correspondence

8003170061 Informs NRC that no action is necessary for potential const deficiency re defective top cover gaskets on NAMCO EA-180 limit switches Ambient temp of 175 F requires no corrective action  
ASWELL, D L Arkansas Power & Light Co 80/01/31 1p

8003100238 Summary of 800205 meeting w/util at plant site re view of electrical & instrumentation sys in plant to familiarize NRC & contractor personnel w/plant sys  
BENEDICT, R A Light Water Reactors Branch 2 80/02/25 4pp

8003110062 Summary of 800214 meeting w/util at plant site re methods used in seismically analyzing main steam line  
BENEDICT, R A Light Water Reactors Branch 2 80/02/25 4pp

### H General correspondence

8003140188 Requests info re util plans for providing ofc space for NRC resident inspectors First inspector will assume duty station by 800630 & second inspector by Oct 1981 FR notice of final rule re resident inspector program encl  
STELLIG, V Office of Inspection & Enforcement, Office of the Director 80/02/25 3pp

### Q Inspection reports, IE Bulletins & correspondence

8003060240 Responds to IE Bulletin 79-02, Revision 1 & Revision 2 re design & installation of base plates, using concrete expansion anchor bolts Bolts used only in reinforced concrete walls  
ASWELL, D L Louisiana Power & Light Co 80/01/08 2pp

8003120712 Forwards IE Insp Rept 50-382/80-01 on 800116-18 No noncompliance noted  
HADSEN, G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/01/29 2pp

--8003120717 IE Insp Rept 50-382/80-01 on 800116-18 No noncompliance noted Major areas inspected operational staffing & overall preoperational test program  
WEBSTERMAN, T F, CONSTABLE, G L Region 4, Dallas, Office of the Director 80/01/29 3pp

8003280649 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Further evaluations being performed & results will be forwarded by 800515  
ASWELL, D L Louisiana Power & Light Co 80/02/05 1p

8003270279 Forwards IE Insp Rept 50-382/80-02 on 800129-31 & 0201 No noncompliance noted  
BEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/12 2pp

--8003270285 IE Insp Rept 50-382/79-02 on 800129-31 & 0201 No noncompliance noted Major areas inspected followup of in-process welding activities on RCP boundary piping & followup on response to IE Bulletin 79-02.  
HALL, R E, CROSSMAN, W A, BEACH, A B Region 4, Dallas, Office of the Director 80/02/12 6pp

8003140021 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120316 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003180007 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190221 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

## DOCKETED ITEMS

8003260123 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260586 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260350 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250416 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260321 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003190626 Informs NRC that final deficiency rept re LPSI pumps impeller shaft retaining mechanism failure will be delayed due to addl time required for completion of corrective action Final rept will be provided by 800501  
ASHELL, D L Louisiana Power & Light Co 80/01/30 1p

8003180397 Advises that final deficiency rept re emergency diesel generators will be delayed until 800930 due to clearance problems w/hoisting mechanism of emergency diesel generators overhead monorail crane Mods will be performed on crane  
ASHELL, D L Louisiana Power & Light Co 80/03/14 2pp

8003180548 Discusses status of deficiency re const of shafts, springs & roller pin of emergency diesel generators Delays encountered w/hoisting mechanism of overhead monorail crane Final rept will be submitted by 800930  
ASHELL, D L Louisiana Power & Light Co 80/03/14 2pp

#### DOCKET 80-387 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/GE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & GKSS data Proposed agenda encl  
ELTAHILA, F Containment Systems Branch 80/02/01 12pp

8003060599 Forwards request for addl info re OL application review in area of reactor sys  
PARR, D D Light Water Reactors Branch 4 80/02/20 12pp

8003060403 Forwards presentation slides shown by Kraftwerk Union at 800228 meeting Slides withheld (ref 10CFR2 790)  
CURTIS, N W Pennsylvania Power & Light Co 80/02/29 1p

8003250472 Forwards NRC 800128 & 0211 ltr to GE re mods to BWR Rod drive sys Requests that mods not be performed on operating reactors until complete guidance has been issued in NUREG-0619  
PARR, D D Light Water Reactors Branch 3 80/03/06 2pp

8003270060 Summary of 800228 meeting w/util BNL, KHU (Germany), SRI Intl & Bechtel in Bethesda, MD re plant unique containment program New tasks will require efforts not previously anticipated Attendance list & meeting handouts encl  
ELTAHILA, F Containment Systems Branch 80/03/07 62pp

8003180921 Discusses use of N-234 & N-235 code cases during preservice exam of reactor pressure vessel scheduled during Aug 1980 Requests response if objections to use of codes are raised  
CURTIS, N W Pennsylvania Power & Light Co 80/03/13 1p

8003210184 Forwards slides entitled, "Submerged Structure Tests," presented by SRI Intl during 800228 meeting Slides withheld (ref 10CFR2 790) & available in Central Files only.  
CURTIS, N W Pennsylvania Power & Light Co 80/03/17 1p

#### O Adjudicatory correspondence

8003130138 Forwards petition opposing proposed plant  
DUGAN, J Affiliation Unknown 80/01/19 13pp

8003060372 Motion to prohibit Susquehanna Environ Advocates (SEA) from participating in Contention I litigation for failure to answer pertinent interrogatories Absent any answer SEA should not conduct cross examination W/Certificate of Svc  
SILBERG, J E Pennsylvania Power & Light Co SILBERG, J E Allegheny Electric Cooperative, Inc SILBERG, J E Shaw, Pittman, Potts & Trowbridge 80/02/04 6pp

8003190649 Motion to prohibit Environ Coalition on Nuclear Power from participating in environ contentions litigation, due to failure to provide adequate response to interrogatories Moves for order compelling answers Certificate of Svc encl  
SILBERG, J E Pennsylvania Power & Light Co SILBERG, J E Allegheny Electric Cooperative, Inc SILBERG, J L Shaw, Pittman, Potts & Trowbridge 80/02/04 14pp

8003040332 Requests to make limited appearance statement at licensing hearings  
SHIVELY, R P, SHIVELY, V M Affiliation Unknown 80/02/08 1p

8003050099 Requests to make limited appearance statement at licensing prehearing  
TANLER, L Affiliation Unknown 80/02/08 1p

--8003050104 Requests to make limited appearance statement at licensing prehearing  
JAYNE, T S Affiliation Unknown 80/02/09 1p

8003250306 Response in opposition to applicants' 800204 motion seeking to prohibit intervenors from litigating contentions & seeking order to compel further discovery responses Answers relied on available info Certificate of Svc encl  
JOHNSRUD, J H Environmental Coalition on Nuclear Power 80/02/12 12pp

8003040328 Requests to make limited appearance statement at licensing hearing  
REISINGER, S Affiliation Unknown 80/02/14 2pp

8003240509 Forwards JH Johnsrud 800212 affidavit re info contained in intervenor Environ Coalition on Nuclear Power responses to applicant interrogatories  
JOHNSRUD, J H Environmental Coalition on Nuclear Power 80/02/18 1p

--8003240513 Affidavit re intervenor responses to applicant interrogatories  
JOHNSRUD, J H Environmental Coalition on Nuclear Power 80/02/12 1p

8003250313 Motion in opposition to applicants' 800204 motions directed to Susquehanna Environ Advocates, Environ Coalition on Nuclear Power & Citizens Against Nuclear Danger Motions premature Certificate of Svc encl  
HALLIGAN, T J Citizens Against Nuclear Dangers 80/02/18 6pp

8003060707 Requests to make limited appearance statement at licensing prehearing  
DUGAN, M Affiliation Unknown 80/02/19 1p

8003130086 Order setting 800320 prehearing conference at federal bldg Courthouse, Wilkes-Barre, PA Argument re applicants' motions seeking dismissal of Citizens Against Nuclear Danger & limited participation of other intervenors will be heard  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/02/22 2pp

8003060729 Requests to make limited appearance statement at licensing prehearing  
FRACKE, S Affiliation Unknown 80/02/25 1p

--8003060735 Requests to make limited appearance statement at licensing prehearing  
EVANS, M A Affiliation Unknown 80/02/15 1p

8003130094 Memorandum giving parties notice of questions re rights of defaulting parties to be heard at 800320 prehearing conference Briefs on issue may be filed by 800317  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/02/26 2pp

8003280136 Requests to make limited appearance statement at 800320 hearing on facility  
PERKINS, J Affiliation Unknown 80/03/02 1p

# DOCKETED ITEMS

227

8003280010 Notice of appearance in proceeding Certificate of Svc encl  
VOGEL, A E Pennsylvania, State of 80/03/17 4pp

## H General correspondence

8003180519 Forwards comments on "Criteria for Util Mgt & Technical  
Competence " NRC should establish clear criteria to ensure  
health & safety of public Realistic timetable must be set up  
to implement requirements  
KAUFFMAN, J T Pennsylvania Power & Light Co 80/03/12 13pp

8003280087 Protests util attempt to limit participation of intervenors  
at upcoming licensing hearings  
FALLON, P Affiliation Unknown 80/03/15 1p

## K Utility Final Safety Analysis Report (FSAR) & amends

8003060525 Forwards Amend 20 to application for OL, containing Revision  
14 to FSAR, Vol 17  
CURTIS, N W Pennsylvania Power & Light Co 80/02/29 1p

--8003060526 Amend 20 to application for OL, containing Revision 14 to  
FSAR, Vol 17  
\* Pennsylvania Power & Light Co 80/02/29 1p

--8003060527 FSAR, Vol 17, Revision 14, constituting Amend 20 to application  
for OL  
\* Pennsylvania Power & Light Co 80/02/29 200pp

## P Operating license stage documents & correspondence

8003140419 Forwards Revision 1 to emergency plan, constituting Amend 19  
to OL application  
CURTIS, N W Philadelphia Electric Co 80/02/29 1p

--8003140425 Amend 19 to application for OL, containing Revision 1 to  
emergency plan  
CURTIS, N W Philadelphia Electric Co 80/02/26 1p

--8003140432 Revision 1 to emergency plan, constituting Amend 19 to OL  
application  
CURTIS, N W Philadelphia Electric Co 80/02/29 400pp

## Q Inspection reports, IF Bulletins & correspondence

8003060716 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/27 1p

8003090072 Forwards IE Insp Rept 50-387/79-34 on 791029-1102 No  
noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/02 2pp

--8003050079 IE Insp Rept 50-387/79-34 on 791029-1102 No noncompliance  
noted Major areas inspected preoperational test program,  
cooling water sys & integrated flush & hydrostatic testing  
of reactor pressure vessel  
NICHOLAS, H H, RHODAS, G G Region 1, Philadelphia, Office of the  
Director CAPTON, D L Region 1, Philadelphia, Reactor Operations  
Nuclear Support Branch 79/12/20 9pp

8003060536 Partial response to IE Bulletin 79-14 "Seismic Analysis for  
As-Built Safety-Related Sys " Submits schedule for  
completion of Nuclear Class I stress repts Head vent & head  
spray stress repts will be completed on 801017  
CURTIS, N W Pennsylvania Power & Light Co 80/01/17 1p.

8003190916 Forwards IE Insp Repts 50-387/79-38 & 50-388/79-20 on  
791108-09 & 25-28 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/22 2pp

--8003190920 IE Insp Repts 50-387/79-38 & 50-388/79-20 on 791108-09 &  
25-28, No noncompliance noted Major areas inspected: two  
allegations re electrical cables mfg by American Insulated  
Wire Corp  
FINKEL, A E, SMITH, R Region 1, Philadelphia, Office of the  
Director EUNETER, S D Region 1, Philadelphia, Reactor  
Construction & Engineering Support Branch 80/01/21 19pp

8003190894 Forwards IE Insp Rept 50-387/79-39 on 791226-28 No  
noncompliance noted  
BRUNNER, E J Region 1, Philadelphia, Reactor Operations Nuclear  
Support Branch 80/01/25 2pp

--8003190902 IE Insp Rept 50-387/79-39 on 791226-28 No noncompliance  
noted Major areas inspected test program requirements,  
implementation, procedures & procedures reviews, scheduling,  
sequencing & witnessing & ECCS  
NICHOLAS, H H, KEHOE, D V Region 1, Philadelphia, Office of the  
Director CAPTON, D L Region 1, Philadelphia, Reactor Operations  
Nuclear Support Branch 80/01/23 8pp

8003040281 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD  
Relays in Safety-Related Sys " No relays used in safety-  
related sys  
CURTIS, N W Pennsylvania Power & Light Co 80/01/28 1p

8003140072 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit  
switches in use at facility Util is determining if switches  
are utilized in safety-related application  
CURTIS, N W Pennsylvania Power & Light Co 80/02/11 1p

8003120550 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003190277 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260343 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260456 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "  
Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260162 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250358 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260062 Forwards IE Circular 80-04, "Securing of Threaded Locking  
Devices on Safety-Related Equipment " No written response  
required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003060346 Ack receipt of util 800111 interim deficiency rept re  
potential deficiency in amphenol connectors & Cutler Hammer  
E-30 switches  
CARLSON, R T Region 1, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/17 1p

8003060337 Ack receipt of util 791129 interim deficiency rept re  
violation of separation criteria for 4 16 kV switchgear  
CARLSON, R T Region 1, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/18 1p

8003260414 Ack receipt of 800122 interim deficiency rept re coped  
structural floor beams  
CARLSON, R T Region 1, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/02/04 1p

--8003260423 Interim deficiency rept coped floor beams burned & cut  
beyond prescribed lines documented in IE Insp Repts  
50-387/79-15 Similar noncompliances noted by Bechtel Util  
& Bechtel evaluations underway  
CURTIS, N W Pennsylvania Power & Light Co 80/01/22 2pp

## DOCKETED ITEMS

8003060019 Ack receipt of 800201 interim deficiency rept re power generation control complex/advanced control room electrical connectors in inner ring, back row & relay panels  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/14 1p

8003310136 Interim deficiency rept re pipe support design drawings released for fabrication & installation Unit 1 verification program is complete w/exception of several isometrics on hold Unit 2 program will be completed by June 1980  
CURTIS, N W Pennsylvania Power & Light Co 80/03/24 2pp

8003060062 Ack receipt of 800201 interim deficiency rept re unauthorized welding of pipe hanger assembly to reactor pressure vessel  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/14 1p

#### U Congressional/Executive Correspondence

8003060149 Responds to 800125 ltr transmitting correspondence from TJ Halligan Forwards ASLB 800104 & 791030 memorandum & order & "NRC Answer to Citizens Against Nuclear Danger Motions" W/o encl  
DIRCKS, W J Office of the Executive Director for Operations 80/02/19 1p

--8003060160 Requests findings & views in response to TJ Halligan correspondence re motion to ASLB on const of facilities Forwards TJ Halligan ltr & RB Schweiker ltr to Citizens Against Nuclear Dangers  
SCHWEIKER, R S Senate 80/01/25 3pp.

--8003060170 Petitions US Senators from PA to oversee motion before ASLB by directing QAD investigators to visit for in-depth insp Contends that serious const deficiencies at facilities have been covered up  
HALLIGAN, T J Pennsylvania Power & Light Co 79/12/13 8pp

8003060197 Responds to 800118 request to advise of action on complaint of constituent Congressman NRC has not thwarted intervention attempts of groups opposed to licensing of facilities Forwards ASLB 791030 & 0824 orders W/o encl  
DIRCKS, W J Office of the Executive Director for Operations 80/02/19 1p

--8003060209 Forwards constituent ltr re alleged attempt by NRC to thwart attempts of antinuclear groups to intervene in licensing proceedings for facilities, Requests advising of actions taken  
RITTER, D House of Rep 80/01/18 4pp

#### DOCKET 50-388 SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 2

##### A Application/construction stage documents & correspondence

8003130168 Notification of 800227 meeting W/OE & Mark II owners group in Bethesda, MD to discuss Mark II long-term program & plans to evaluate JAERI & QKSB data Proposed agenda encl  
ELTAWILA, F Containment Systems Branch 80/02/01 12pp

8003060599 Forwards request for addl info re QL application review in area of reactor sys  
PARR, D D Light Water Reactors Branch 4 80/02/20 12pp

8003060403 Forwards presentation slides shown by Kraftwerk Union at 800228 meeting Slides withheld (ref 10CFR2.790)  
CURTIS, N W Pennsylvania Power & Light Co 80/02/29 1p

8003250472 Forwards NRC 800128 & 0211 ltrs to OE re mods to BWR rod drive sys Requests that mods not be performed on operating reactors until complete guidance has been issued in NUREG-0619.  
PARR, D D Light Water Reactors Branch 3 80/03/06 2pp

8003270060 Summary of 800228 meeting w/util BNL, KWU (Germany), SRI Intl & Bechtel in Bethesda, MD re plant unique containment program New tasks will require efforts not previously anticipated Attendance list & meeting handouts encl.  
ELTAWILA, F Containment Systems Branch 80/03/07 42pp.

8003180521 Discusses use of N-234 & N-235 code cases during preservice exam of reactor pressure vessel scheduled during Aug 1980. Requests response if objections to use of codes are raised.  
CURTIS, N W Pennsylvania Power & Light Co. 80/03/13 1p.

8003210184 Forwards slides entitled: "Submerged Structure Tests," presented by SRI Intl during 800228 meeting Slides withheld (ref 10CFR2.790) & available in Central Files only  
CURTIS, N W Pennsylvania Power & Light Co 80/03/17 1p

#### 0 Adjudicatory correspondence

8003130138 Forwards petition opposing proposed plant  
DUGAN, J Affiliation Unknown 80/01/19 13pp

8003060372 Motion to prohibit Susquehanna Environ Advocates (SEA) from participating in Contention 1 litigation for failure to answer pertinent interrogatories Absent any answer SEA should not conduct cross examination W/Certificate of Svc encl  
SILBERG, J E Pennsylvania Power & Light Co SILBERG, J E Allegheny Electric Cooperative, Inc SILBERG, J E Shaw, Pittman, Potts & Troubridge 80/02/04 6pp

8003190649 Motion to prohibit Environ Coalition on Nuclear Power from participating in environ contentions litigation, due to failure to provide adequate response to interrogatories Moves for order compelling answers Certificate of Svc encl  
SILBERG, J E Pennsylvania Power & Light Co SILBERG, J E Allegheny Electric Cooperative, Inc SILBERG, J E Shaw, Pittman, Potts & Troubridge 80/02/04 14pp

8003040332 Requests to make limited appearance statement at licensing hearings  
SHIVELY, R P, SHIVELY, V M Affiliation Unknown 80/02/08 1p

8003050099 Requests to make limited appearance statement at licensing prehearing  
TAMLER, L Affiliation Unknown 80/02/08 1p

--8003050104 Requests to make limited appearance statement at licensing prehearing  
JAYNE, T S Affiliation Unknown 80/02/09 1p

8003250306 Response in opposition to applicants' 800204 motion seeking to prohibit intervenors from litigating contentions & seeking order to compel further discovery responses Answers relied on available info Certificate of Svc encl  
JOHNSBRUD, J H Environmental Coalition on Nuclear Power 80/02/12 12pp

8003040328 Requests to make limited appearance statement at licensing hearing  
REISINGER, S Affiliation Unknown 80/02/14 2pp

8003240509 Forwards JH Johnsbrud 800212 affidavit re info contained in intervenor Environ Coalition on Nuclear Power responses to applicant interrogatories  
JOHNSBRUD, J H Environmental Coalition on Nuclear Power 80/02/18 1p

--8003240513 Affidavit re intervenor responses to applicant interrogatories  
JOHNSBRUD, J H Environmental Coalition on Nuclear Power 80/02/12 1p

8003250313 Motion in opposition to applicants' 800204 motions directed to Susquehanna Environ Advocates/Environ Coalition on Nuclear Power & Citizens Against Nuclear Danger Motions premature Certificate of Svc encl  
HALLIGAN, T J Citizens Against Nuclear Dangers 80/02/18 6pp.

8003060707 Requests to make limited appearance statement at licensing prehearing  
DUGAN, M Affiliation Unknown 80/02/19 1p

8003130086 Order setting 800320 prehearing conference at federal bldg Courthouse, Wilkes-Barre, PA Argument re applicants' motions seeking dismissal of Citizens Against Nuclear Danger & limited participation of other intervenors will be heard  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/02/22 2pp

8003060729 Requests to make limited appearance statement at licensing prehearing.  
FRACKE, S, Affiliation Unknown 80/02/25 1p

--8003060735 Requests to make limited appearance statement at licensing prehearing  
EVANS, M A Affiliation Unknown 80/02/15 1p

# DOCKETED ITEMS

229

8003130094 Memorandum giving parties notice of questions re rights of defaulting parties to be heard at 800320 prehearing conference Briefs on issue may be filed by 800317  
BECHHOEFER, C Atomic Safety and Licensing Board Panel. 80/02/26 2pp

8003280136 Requests to make limited appearance statement at 800320 hearing on facility  
PERKINS, J Affiliation Unknown 80/03/02 1p

8003280010 Notice of appearance in proceeding Certificate of Svc encl  
VOEL, A E Pennsylvania, State of 80/03/19 4pp

## H General correspondence

8003180519 Forwards comments on "Criteria for Util Mgt & Technical Competence " NRC should establish clear criteria to ensure health & safety of public Realistic timetable must be set up to implement requirements  
KAUFFMAN, J T Pennsylvania Power & Light Co 80/03/12 13pp

8003280087 Protests util attempt to limit participation of intervenors at upcoming licensing hearings  
FALLON, P Affiliation Unknown 80/03/15 1p

## K Utility Final Safety Analysis Report (FSAR) & amends

8003060525 Forwards Amend 20 to application for DL containing Revision 14 to FSAR, Vol 17  
CURTIS, N W Pennsylvania Power & Light Co 80/02/29 1p

--8003060526 Amend 20 to application for DL containing Revision 14 to FSAR, Vol 17  
\* Pennsylvania Power & Light Co 80/02/29 1p

--8003060527 FSAR, Vol 17, Revision 14, constituting Amend 20 to application for DL  
\* Pennsylvania Power & Light Co 80/02/29 200pp

## P Operating license stage documents & correspondence

8003140419 Forwards Revision 1 to emergency plan, constituting Amend 19 to DL application  
CURTIS, N W Philadelphia Electric Co 80/02/29 1p

--8003140425 Amend 19 to application for DL containing Revision 1 to emergency plan  
CURTIS, N W Philadelphia Electric Co 80/02/26 1p

--8003140432 Revision 1 to emergency plan, constituting Amend 19 to DL application  
CURTIS, N W Philadelphia Electric Co 80/02/29 400pp

## G Inspection reports, IE Bulletins & correspondence

8003060716 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003060536 Partial response to IE Bulletin 79-14 "Seismic Analysis for As-Built Safety-Related Sys " Submits schedule for completion of Nuclear Class I stress repts Head vent & head spray stress repts will be completed on 801017  
CURTIS, N W Pennsylvania Power & Light Co 80/01/17 1p

8003190916 Forwards IE Insp Repts 50-387/79-38 & 50-388/79-20 on 791108-09 & 25-28 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003190920 IE Insp Repts 50-387/79-38 & 50-388/79-20 on 791108-09 & 25-28 No noncompliance noted Major areas inspected two allegations re electrical cables mfg by American Insulated Wire Corp  
FINKELE, A E, SMITH, R Region 1, Philadelphia, Office of the Director  
EBNETER, S D Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/21. 19pp

8003040281 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " No relays used in safety-related sys  
CURTIS, N W Pennsylvania Power & Light Co 80/01/28 1p

8003140072 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit switches in use at facility Util is determining if switches are utilized in safety-related application  
CURTIS, N W Pennsylvania Power & Light Co 80/02/11 1p

8003120550 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190277 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260343 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260456 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260162 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250358 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260062 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003060346 Ack receipt of util 800111 interim deficiency rept re potential deficiency in amphenol connectors & Cutler Hammer E-30 switches  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/17 1p

8003260414 Ack receipt of 800122 interim deficiency rept re coped structural floor beams  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/04 1p

--8003260423 Interim deficiency rept coped floor beams burned & cut beyond prescribed lines documented in IE Insp Repts 50-387/79-15 Similar noncompliances noted by Bechtel Util & Bechtel evaluations underway  
CURTIS, N W Pennsylvania Power & Light Co 80/01/22 2pp

8003310136 Interim deficiency rept re pipe support design drawings released for fabrication & installation Unit 1 verification program is complete w/exception of several isometrics on hold Unit 2 program will be completed by June 1980  
CURTIS, N W Pennsylvania Power & Light Co 80/03/24 2pp.

## U Congressional/Executive Correspondence

8003060149 Responds to 800125 ltr transmitting correspondence from TJ Halligan Forwards ASLB 800104 & 791030 memorandum & order & "NRC Answer to Citizens Against Nuclear Danger Motions " W/o encl  
DIRCKE, W J Office of the Executive Director for Operations 80/02/19 1p

--8003060160 Requests findings & views in response to TJ Halligan correspondence re motion to ASLB on const of facilities Forwards TJ Halligan ltr & RS Schueler ltr to Citizens Against Nuclear Dangers  
SCHWEIKER, R S Senate 80/01/25 3pp

--8003060170 Petitions US Senators from PA to oversee motion before ASLB by directing GAO investigators to visit for in-depth insp. Contains that serious const deficiencies at facilities have been covered up  
HALLIGAN, T J Pennsylvania Power & Light Co. 79/12/13 8pp



## DOCKETED ITEMS

8003060197 Responds to 800118 request to advise of action on complaint of constituent Cressman NRC has not thwarted intervention attempts of groups opposed to licensing of facilities  
Forwards ASLB 791030 & 0824 orders w/o encl  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/19 1p

--8003060209 Forwards constituent ltr re alleged attempt by NRC to thwart attempts of antinuclear groups to intervene in licensing proceedings for facilities Requests advising of actions taken  
RITTER, D House of Rep 80/01/18 4pp

## DOCKET 50-389 ST LUCIE PLANT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003130667 Summary of 800214 & 15 site visit & meeting w/util re case load forecast Plant const status & schedule discussed  
BIRKEL, R A Light Water Reactors Branch 2 80/02/22 6pp

## F Security, medical, emergency &amp; fire protection plans

8003170250 Forwards J Townely 790927 ltr re amount of hose at home houses & inadequacy of breathing air sys Concurs w/comments  
MACDOUGALL, E A Brookhaven National Laboratory 79/10/05 3pp

## G Adjudicatory correspondence

8003040245 Response to ASLAB questions & brief re loss of all ac power Urges ASLAB to make affirmative findings on remaining issues & to affirm CP issuance Certificate of Svc encl  
PATON, W D, OLINSTEAD, W J Hearing Branch 4 80/02/29 48pp

8003270033 Order granting extension until 800320 for Commission to act to review ALAB-579  
CHILK, S J Office of the Secretary of the Commission 80/03/17 1p

## H Antitrust correspondence

8003040689 Notice of appearances in proceeding Certificate of Svc encl  
FABRIKANT, R, POND, G M Justice, Dept of 80/02/19 5pp

## N Antitrust hearing transcripts

8003120391 Transcript of 800305 prehearing conference in Orlando, FL  
Pp 278-375  
\* Commission 80/03/05 98pp

8003260258 Requests that corrections be inserted in 800305 transcript re prehearing conference held in Orlando, FL Certificate of Svc encl  
DEWY, L S Antitrust Division 80/03/13 3pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003190107 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120027 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

389/80-02 on 800117-18 No

for Construction & Engineering

3117-18 No noncompliance  
n of QC inspectors &

a, Reactor Construction &  
4pp.

possible defect in certain  
fabricated  
b replaced per

02/07, 1p.

8003180058 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190422 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003060467 Ack receipt of 791121 & 1220 ltrs informing NRC of steps taken to correct violation noted in IE Insp Rept  
50-389/79-18  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/21 2pp

--8003060477 Responds to NRC 791205 ltr requesting addl info re violation noted in IE Insp Rept 50-389/79-18 QC did not physically inspect matl since insp was done in store QC only verified documentation Now stores must receive QC release  
UHRIG, R E Florida Power & Light Co 79/12/20 2pp

8003210111 Ack receipt of 800214 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-389/80-01  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003210116 Responds to NRC 800124 ltr re violations noted in IE Insp Rept 50-389/80-01 Corrective actions Site Quality Procedure  
SQP-19 reviewed & temporary change clarifies util position re manual employees provided by local const trade unions  
UHRIG, R E Florida Power & Light Co 80/02/15 2pp

--8003210119 Forwards IE Insp Rept 50-389/80-01 on 800108-11 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003210122 Notice of violation from insp on 800108-11  
\* Region 2, Atlanta, Office of the Director 80/01/24 1p

--8003210125 IE Insp Rept 50-389/80-01 on 800108-11 Noncompliance noted failure to perform & record QA indoctrination for manual employees as required by SQP-7 & SQP-19  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch  
BURDETTE, T E Region 2, Atlanta, Office of the Director 80/01/24 5pp

8003190020 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140400 Forwards IC Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180305 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270024 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/03/10 1p

8003260221 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250565 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/03/14 1p

8003260171 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

# DOCKETED ITEMS

231

## S Reportable occurrences, LERs & related correspondence

8003190678 Forwards final const deficiency rept re Hurricane David damage  
UHRIG, R E Florida Power & Light Co 80/02/01 1p

--8003190685 Final const deficiency rept on 790903, Chicago Bridge & Iron  
guyed derrick collapsed during Hurricane David, damaging  
reactor auxiliary & concrete shield bldgs Caused by  
inadequate securing New derrick will be erected 800107  
\* Florida Power & Light Co 80/02/01 1app

8003130662 PNS-II-80-004 on 800213, unknown individual telephoned  
site & told receptionist bomb would go off within hour  
Search conducted & surveillance increased Results negative  
PERNY, C D, KENNA, W S Region 2, Atlanta, Office of the Director  
80/02/13 1p

## DOCKET 50-390 WATTS BAR NUCLEAR PLANT, UNIT 1

### A Application/construction stage documents & correspondence

8003140019 Forwards License SNM-1861 authorizing receipt, possession,  
insp & storage of U enriched in U-235 isotope contained in  
130 fuel assemblies & 100 loose fuel rods Safety evaluation  
encl  
CROW, W T Uranium Fuel Licensing Branch 79/09/05 2pp

--8003140023 License SNM-1861 authorizing receipt, possession insp &  
storage of U enriched in U-235 isotope contained in 130 fuel  
assemblies & 100 loose fuel rods  
CROW, W T Uranium Fuel Licensing Branch 79/09/05 1p

8003140027 Safety evaluation supporting until 790608 application &  
790817 suppl for License SNM-1861  
DELANEY, J C, CROW, W T Uranium Fuel Licensing Branch 79/09/05  
2pp

8003280527 Submits update to 791213 ltr re status of investigations  
into Frametome reactor vessel nozzle cracking Results  
indicate reactor vessel nozzles are not susceptible to  
cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003280485 Forwards Westinghouse 800304 ltr to TVA recommending  
performing low pressure portion of upper head injection sys  
& not performing high pressure blowdown test Concurs w/  
recommendation & requests NRC evaluation  
MILLS, L M Tennessee Valley Authority 80/03/21 4pp

### B Inspection reports, IF Bulletins & correspondence

8003190634 Forwards IE Insp Repts 50-390/79-43 & 50-391/79-36 on  
791203-19 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/10 2pp

--8003190639 IE Insp Repts 50-390/79-43 & 50-391/79-36 on 791203-19 No  
noncompliance noted Major areas inspected storage & handling  
of stainless steel piping, application of sealant & silicone  
foam in electrical conduits & testing of diesel generator  
CANTRELL, F S Region 2, Atlanta, Reactor Construction &  
Engineering Support Branch THOMAS, M Region 2, Atlanta, Office  
of the Director 80/01/10 3pp

8003090285 Forwards IE Insp Repts 50-390/80-02 & 50-391/80-01 on  
800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/24 2pp

--8003090288 IE Insp Repts 50-390/80-02 & 50-391/80-01 on 800108-11 No  
noncompliance noted Major areas inspected welding on safety-  
related piping, deficiency items, nonwelding activity for  
safety-related piping & safety-related supports.  
CANTRELL, F S Region 2, Atlanta, Reactor Construction &  
Engineering Support Branch THOMAS, M, GOUSE, M J Region 2,  
Atlanta, Office of the Director 80/01/24 3pp

8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of  
Class IE Equipment" Bulletin applies only to operating  
plants Info responsive to bulletin will be provided for  
Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp

8003190657 Ack receipt of IE Bulletin 79-01B, Will not provide info re  
Sequoyah & Watts Bar facilities Will provide info re Browns  
Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp.

8003190052 Forwards IE Info Notice 80-03, "Main Turbine  
Electrohydraulic Control Sys " No specific action or  
response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
1p

8003190255 Ack receipt of 800124 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-390/79-45 &  
50-391/79-39  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/31 6pp

--8003190261 Forwards IE Insp Repts 50-390/79-45 & 50-391/79-39 on  
791229-30 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/04 2pp

--8003190266 Notice of violation from insp on 791129-30  
\* Region 2, Atlanta, Office of the Director 80/01/03 2pp

--8003190273 IE Insp Repts 50-390/79-45 & 50-391/79-39 on 791129-30.  
Noncompliance noted Failure to document repetitive  
nonconformance or properly evaluate & report safety  
significant condition  
CANTRELL, F S Region 2, Atlanta, Reactor Construction &  
Engineering Support Branch WRIGHT, R W Region 2, Atlanta, Office  
of the Director 80/01/03 8pp

8003190546 Forwards IE Insp Rept 50-390/80-01 on 800102-04 No  
noncompliance noted  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support  
Branch 80/02/04 2pp

--8003190557 IE Insp Rept 50-390/80-01 on 800102-04 No noncompliance  
noted Major areas inspected preoperational test procedures &  
tour of plant areas  
UPRIGHT, C M Region 2, Atlanta, Reactor Operations Nuclear Support  
Branch SAUER, R C, FORD, E J Region 2, Atlanta, Office of the  
Director 80/01/30 4pp

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO  
Model EA180 stem mounted switches that are code dated  
between Feb & Aug 1979 at Sequoyah Unit 1 Investigation  
continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line  
Break w/Continued Feedwater Addition " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of  
Safety-Related Piping & Components " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
1p

8003250097 Ack receipt of 800130 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-390/79-41 &  
50-391/79-38  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/02/08 2pp

--8003250108 Responds to NRC 800108 ltr re violations noted in IE Insp  
Repts 50-390/79-41 & 50-391/79-38 Corrective actions  
engineering approval required for rigging from permanent  
plant equipment Pipe rewelded  
MILLS, L M Tennessee Valley Authority 80/01/30 3pp

--8003250398 Forwards IE Insp Repts 50-390/79-41 & 50-391/79-38 on  
791204-07 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/08 2pp

--8003250124 Notice of violation from insp on 791204-07  
\* Region 2, Atlanta, Office of the Director 79/12/31 1p

--8003250136 IE Insp Repts 50-390/79-41 & 50-391/79-38 on 791204-07  
Noncompliance noted failure to establish adequate measures  
for handling & storage of equipment & mats & failure to  
follow welding procedure purge requirements.  
HERDT, A B Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch KLEINSORGE, W P Region 2, Atlanta, Office of the  
Director 79/12/31 5pp

## DOCKETED ITEMS

8003140056 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27  
1p

8003190699 Ack receipt of 800204 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-390/79-47 & 50-391/79-40  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 2pp

--8003190706 Forwards IE Insp Repts 80-390/79-47 & 50-391/79-40 on 791212-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--8003190712 Notice of violation from insp on 791212-14  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190721 IE Insp Repts 50-391/79-47 & 50-391/79-40 on 791212-14  
Noncompliance noted Failure to follow QC Procedure  
WBNP-GCP 3 1 for cable certification  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARDWICK, R J Region 2, Atlanta, Office of the Director 80/01/10 6pp

8003180189 Forwards supplemental info to IE Bulletin 79-01B, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003210097 Requests addl six wks to respond to IE Bulletin 79-27  
Response will be submitted by 800411  
MILLS, L M Tennessee Valley Authority 80/02/29 1p

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p.

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003180405 Forwards revised response to deficiency noted in IE Insp Repts 50-390/79-47 & 50-391/79-40 Incorrectly tagged cable has been properly certified & recorded in certification status rept per QC procedures  
MILLS, L M Tennessee Valley Authority 80/03/14 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

S Reportable occurrences, LERs & related correspondence

8003240480 Forwards final deficiency rept re design of piping that rigidly penetrates steel containment  
MILLS, L M Tennessee Valley Authority. 80/02/15 1p

--8003240483 Final deficiency rept re design of piping that rigidly penetrates steel containment DBA movements not adequately accounted for in analysis & design Reanalysis underway Table of affected piping encl  
\* Tennessee Valley Authority 80/02/15 5pp

8003040459 Discusses reportable deficiency re incorrect Velan valve weights used in seismic piping analysis also addressed in IE Bulletin 79-04 Final resolution delayed due to more urgent analysis Final rept expected by 800501  
MILLS, L M Tennessee Valley Authority 80/02/27 1p

8003050437 Forwards interim deficiency rept re seismic pipe supports  
MILLS, L M Tennessee Valley Authority 80/02/29 1p

--8003050441 Interim deficiency rept re seismic pipe supports Insp procedures will be modified, insp employees will be certified & program will be implemented to review previous insps  
\* Tennessee Valley Authority 80/02/29 1p

8003260295 PNS-II-80-006 on 800304, note containing bomb threat found on const site in Unit 1 auxiliary bldg near some 480-volt motor control boards at 772 elevation Search conducted but no evacuation made  
HOWELL, J, TGBIN, W Region 2, Atlanta, Office of the Director 80/03/04 1p

8003120490 Forwards final deficiency rept re Bergen-Paterson clamps which do not meet specs  
MILLS, L M Tennessee Valley Authority 80/03/06 1p

--8003120493 Final deficiency rept re Bergen-Paterson pipe clamp not made as specified on drawings Util determined that six nonsafety-related clamps were involved  
\* Tennessee Valley Authority 80/03/06 1p

8003120571 Forwards first interim deficiency rept re shock arrester strut assembly interference  
MILLS, L M Tennessee Valley Authority 80/03/06 1p

--8003120579 First interim deficiency rept re potential problem w/shock arrester strut assembly 2540 which does not provide sufficient clearance to function freely when installed at off-axis angle greater than 83 degrees Vendor investigating  
\* Tennessee Valley Authority 80/03/06 1p

8003170319 Forwards final deficiency rept re matls verification  
MILLS, L M Tennessee Valley Authority 80/03/10 1p

--8003170326 Final deficiency rept re matls verification hold points on QA document signed off w/o certified mill test repts Matls w/o repts will be cut out & replaced w/matls having repts Employees will be re-instructed on verification methods  
\* Tennessee Valley Authority 80/03/10 1p

8003170479 Forwards final deficiency rept re liquid penetrant or magnetic particle insp not performed in qualification of cold forming procedures  
MILLS, L M Tennessee Valley Authority 80/03/10 1p

--8003170482 Final deficiency rept re liquid penetration or magnetic particle insp not performed in qualification of cold forming procedures Site cold forming procedures will be requalified to latest specs  
\* Tennessee Valley Authority 80/03/10 1p

8003260532 Forwards first interim deficiency rept re faulty fillet welds, QC breakdown  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260535 First interim deficiency rept re faulty fillet welds Fillet welds on socket weld fittings, located in safety-related sys, do not meet ASME code due to insufficient weld metal buildup Welding inspectors instructed to be more thorough  
\* Tennessee Valley Authority 80/03/19 1p

8003260531 Third interim deficiency rept re Penn Ventilator QA program Evaluation continuing Next rept submitted on 800808  
MILLS, L M Tennessee Valley Authority 80/03/20 1p

8003280452 Forwards final deficiency rept re failure to follow procedures for driving piles to support essential raw cooling water piping adjacent to intake pumping station initially reported on 790504  
MILLS, L M Tennessee Valley Authority. 80/03/24, 1p

# DOCKETED ITEMS

233

--8003280454 Final deficiency rept re failure to follow procedures for driving piles to support essential raw cooling water piping adjacent to intake piping station Pile load tests indicate existing piles will support design loads  
\* Tennessee Valley Authority 80/03/24 1p

## DOCKET 50-391 WATTS BAR NUCLEAR PLANT, UNIT 2

### A Application/construction stage documents & correspondence

8003280527 Submits update to 791213 ltr re status of investigations into Framatome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

8003280485 Forwards Westinghouse 800304 ltr to TVA recommending performing low pressure portion of upper head injection sys & not performing high pressure blowdown test Concurs w/ recommendation & requests NRC evaluation  
MILLS, L M Tennessee Valley Authority 80/03/21 4pp.

### G Inspection reports, IE Bulletins & correspondence

8003190634 Forwards IE Insp Repts 50-390/79-43 & 50-391/79-36 on 791203-19 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp

--8003190639 IE Insp Repts 50-390/79-43 & 50-391/79-36 on 791203-19 No noncompliance noted Major areas inspected storage & handling of stainless steel piping, application of sealant & silicone foam in electrical conduits & testing of diesel generator.  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch THOMAS, M Region 2, Atlanta, Office of the Director 80/01/10 3pp

8003050285 Forwards IE Insp Repts 50-390/80-02 & 50-391/80-01 on 800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050288 IE Insp Repts 50-390/80-02 & 50-391/80-01 on 800108-11 No noncompliance noted Major areas inspected welding on safety-related piping, deficiency items, nonwelding activity for safety-related piping & safety-related supports  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch THOMAS, M, QUOTE, M J Region 2, Atlanta, Office of the Director 80/01/24 5pp.

8003070001 Responds to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " Bulletin applies only to operating plants Info responsive to bulletin will be provided for Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp

8003130657 Ack receipt of IE Bulletin 79-01B Will not provide info re Sequoyah & Watts Bar facilities Will provide info re Browns Ferry facilities  
MILLS, L M Tennessee Valley Authority 80/01/25 2pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp.

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/01/31 1p

8003190255 Ack receipt of 800124 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-390/79-45 & 50-391/79-39  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/31 6pp

--8003190261 Forwards IE Insp Repts 50-390/79-45 & 50-391/79-39 on 791229-30 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/04 2pp

--8003190266 Notice of violation from insp on 791129-30  
\* Region 2, Atlanta, Office of the Director 80/01/03 2pp

--8003190273 IE Insp Repts 50-390/79-45 & 50-391/79-39 on 791129-30 Noncompliance noted Failure to document repetitive nonconformance or properly evaluate & report safety significant condition  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch WRIGHT, R M Region 2, Atlanta, Office of the Director 80/01/03 6pp

8003210174 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p.

8003250097 Ack receipt of 800130 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-390/79-41 & 50-391/79-38  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch. 80/02/08 2pp

--8003250108 Responds to NRC 800108 ltr re violations noted in IE Insp Repts 50-390/79-41 & 50-391/79-38 Corrective actions engineering approval required for rigging from permanent plant equipment Pipe rewelded  
MILLS, L M Tennessee Valley Authority 80/01/30 3pp

--8003250398 Forwards IE Insp Repts 50-390/79-41 & 50-391/79-38 on 791204-07 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/08 2pp

--8003250124 Notice of violation from insp on 791204-07  
\* Region 2, Atlanta, Office of the Director 79/12/31 1p

--8003250136 IE Insp Repts 50-390/79-41 & 50-391/79-38 on 791204-07 Noncompliance noted, failure to establish adequate measures for handling & storage of equipment & mats & failure to follow welding procedure purge requirements  
HERDT, A B Region 2, Atlanta, Reactor Construction & Engineering Support Branch KLEINSORGE, M P Region 2, Atlanta, Office of the Director 79/12/31 5pp

8003190699 Ack receipt of 800204 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-390/79-47 & 50-391/79-40  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 2pp

--8003190706 Forwards IE Insp Repts 50-390/79-47 & 50-391/79-40 on 791212-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--8003190712 Notice of violation from insp on 791212-14  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190721 IE Insp Repts 50-391/79-47 & 50-391/79-40 on 791212-14 Noncompliance noted Failure to follow QC Procedure WBNP-QCP 3.1 for cable certification  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARDWICK, R J Region 2, Atlanta, Office of the Director 80/01/10 6pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/03/07 2pp.

8003190003 Forwards IE Info Notice 80-08 "States Co Blinding Link Electrical Terminal Block, " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/03/07 3pp.

## DOCKETED ITEMS

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003180605 Forwards revised response to deficiency noted in IE Insp Repts 80-090/79-47 & 80-391/79-40 incorrectly tagged cable has been properly certified & recorded in certification status rept per QC procedures  
MILLS, L M Tennessee Valley Authority 80/03/14 3pp

8003230572 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

#### 8 Reportable occurrences, LERS & related correspondence

8003240480 Forwards final deficiency rept re design of piping that rigidly penetrates steel containment  
MILLS, L M Tennessee Valley Authority 80/02/15 1p

--8003240483 Final deficiency rept re design of piping that rigidly penetrates steel containment DBA movements not adequately accounted for in analysis & design Reanalysis underway Table of affected piping encl  
\* Tennessee Valley Authority 80/02/15 5pp

8003040459 Discusses reportable deficiency re incorrect Valen valve weights used in seismic piping analysis also addressed in IE Bulletin 79-04 Final resolution delayed due to more urgent analysis Final rept expected by 800501  
MILLS, L M Tennessee Valley Authority 80/02/27 1p

8003030437 Forwards interim deficiency rept re seismic pipe supports  
MILLS, L M Tennessee Valley Authority 80/02/29 1p

--8003050441 Interim deficiency rept re seismic pipe supports Insp procedures will be modified; insp employees will be certified & program will be implemented to review previous insps  
\* Tennessee Valley Authority 80/02/29 1p

8003260295 PNS-1[-80-006 on 800304, note containing bomb threat found on const site in Unit 1 auxiliary bldg near some 480-volt motor control boards at 772 elevation Search conducted but no evacuation made  
HOWELL, J, TOBIN, W Region 2, Atlanta, Office of the Director. 80/03/04 1p

8003120490 Forwards final deficiency rept re Bergen-Paterson clamps which do not meet specs  
MILLS, L M Tennessee Valley Authority 80/03/06 1p

--8003120493 Final deficiency rept re Bergen-Paterson pipe clamp not made as specified on drawings Util determined that six nonsafety-related clamps were involved  
\* Tennessee Valley Authority 80/03/06 1p.

8003120571 Forwards first interim deficiency rept re shock arrestor strut assembly interference  
MILLS, L M Tennessee Valley Authority 80/03/06 1p

--8003120579 First interim deficiency rept re potential problem w/shock arrestor strut assembly 2340 which does not provide sufficient clearance to function freely when installed at off-axis angle greater than 83 degrees Vendor investigating  
\* Tennessee Valley Authority 80/03/06 1p

8003170319 Forwards final deficiency rept re matls verification  
MILLS, L M Tennessee Valley Authority 80/03/10 1p

--8003170326 Final deficiency rept re matls verification hold points on QA document signed off w/o certified mill test repts. Matls w/o repts will be cut out & replaced w/matls having repts Employees will be reinstructed on verification methods  
\* Tennessee Valley Authority 80/03/10 1p

8003170479 Forwards final deficiency rept re liquid penetrant or magnetic particle insp not performed in qualification of cold forming procedures  
MILLS, L M Tennessee Valley Authority 80/03/10 1p

--8003170482 Final deficiency rept re liquid penetration or magnetic particle insp not performed in qualification of cold forming procedures Bite cold forming procedures will be requalified to latest specs  
\* Tennessee Valley Authority 80/03/10 1p

8003260532 Forwards first interim deficiency rept re faulty fillet welds, QC breakdown  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260535 First interim deficiency rept re faulty fillet welds Fillet welds on socket weld fittings, located in safety-related sys, do not meet ASME code due to insufficient weld metal buildup Welding inspectors instructed to be more thorough  
\* Tennessee Valley Authority 80/03/19 1p

8003260531 Third interim deficiency rept re Penn Ventilator QA program Evaluation continuing Next rept submitted on 800808  
MILLS, L M Tennessee Valley Authority 80/03/20 1p

8003280482 Forwards final deficiency rept re failure to follow procedures for driving piles to support essential raw cooling water piping adjacent to intake pumping station initially reported on 790504  
MILLS, L M Tennessee Valley Authority 80/03/24 1p

--8003280484 Final deficiency rept re failure to follow procedures for driving piles to support essential raw cooling water piping adjacent to intake piping station Pile load tests indicate existing piles will support design loads  
\* Tennessee Valley Authority 80/03/24 1p

#### DOCKET 80-395 VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

##### F Security, medical, emergency & fire protection plans

8003170805 Summary of 800114 & 15 meeting w/util & Gilbert Associates, Inc at facility re physical security plan review  
TIBBETTS, D L Light Water Reactors Branch 2 80/02/14 4pp

##### K Utility Final Safety Analysis Report (FSAR) & amends

8003030202 Forwards Amend 17 to FSAR  
CREWS, E H South Carolina Electric & Gas Co 80/02/29 2pp

--8003030206 Amend 17 to FSAR  
\* South Carolina Electric & Gas Co 80/02/29 150pp

##### Q Inspection reports, IE Bulletins & correspondence

8003110428 Ack receipt of IE Insp Rept 80-395/79-40 on 791210-13 No proprietary info  
JOHNSON, M C South Carolina Electric & Gas Co 80/01/29 1p

--8003110431 Forwards IE Insp Rept 80-395/79-40 on 791210-13 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/07 2pp

--8003110434 IE Insp Rept 80-395/79-40 on 791210-13 No noncompliance noted Major areas inspected deficiency items, IE bulletins, circulars, field change requests & const activities  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch BURDETTE, T E Region 2, Atlanta, Office of the Director 80/01/04 4pp

8003170046 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003170049 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190119 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

# DOCKETED ITEMS

235

8003190122 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120041 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003120043 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003240188 Responds to IE Bulletin 79-28 Namco EA180 limit switches being installed on safety-related equipment inside & outside containment were mfg in Dec 1979 or later  
CREWS, E H South Carolina Electric & Gas Co. 80/02/04 1p

8003180078 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003180079 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190440 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003140052 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p

8003180191 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180193 Forwards supplemental info to IE Bulletin 79-01B, "Environ Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 1p

8003190034 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190035 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180156 Forwards IE Circular 80-03, "Protection from Toxic Gas Hazards " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/04 2pp

8003140404 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp.

8003180088 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07, 2pp.

8003180321 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07, 2pp

8003270014 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003270016 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260234 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003260238 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p.

8003250587 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260218 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

R Periodic operating reports & related correspondence

8003140372 Forwards Technical Rept 79-4, "Seismic Activity Near Facility For Oct-Dec 1979," prepared by Univ of SC  
CREWS, E H Southern California Edison Co 80/03/11 1p

--8003140375 Technical Rept 79-4, "Seismic Activity Near Facility For Oct-Dec 1979 "  
TALWANI, P South Carolina, Univ of 79-4 80/03/11 30pp

S Reportable occurrences, LERs & related correspondence

8003030495 Final deficiency rept re leak in bottom plate of condensate storage tank caused by crack near circumferential weld seam  
Deformed areas in bottom plates cut out & replaced w/new plates.  
CREWS, E H South Carolina Electric & Gas Co. 80/02/04 3pp

8003030458 Final deficiency rept re electrical conduit supports attached to concrete structures w/anchor bolts that did not meet tolerance criteria Engineering change implemented to include tables developed in specs Supports being repaired  
CREWS, E H South Carolina Electric & Gas Co 80/02/11 2pp

8003030481 Interim deficiency rept re blades, linkages & arms setscrews coming loose & causing damper blades to assume improper position Caused by excessive hardness of shaft matl  
Fillet welds being provided to prevent slippage  
CREWS, E H South Carolina Electric & Gas Co 80/02/12 2pp

8003060632 Part 21 rept on 791228, during startup testing, discovered Bahnsen design did not account for hardness of shaft & use of excessively hardened matl Fillet welds are being provided at several locations to prevent slippage  
CREWS, E H South Carolina Electric & Gas Co. 80/02/12 2pp

8003070385 Final deficiency rept on Bahnsen Co safety-related automatic & gravity ventilation damper setscrew Setscrew matl too hard, causing possible slippage & consequent improper blade position Fillet welds installed to prevent slippage  
CREWS, E H South Carolina Electric & Gas Co 80/02/12 2pp

8003240367 Final deficiency rept re feedwater check valves Check valves will not be modified but replaced w/Rockwell Intl control closure piston check valves Installation should be completed by 801031  
CREWS, E H South Carolina Electric & Gas Co. 80/02/25 1p

8003240460 Significant deficiency rept re failure of thrust bearing in diesel generator reported by Colt Industries Caused by omission of plugs in oil supply sys for crankshaft thrust Thrust bearing & collar being replaced & plugs installed  
CREWS, E H Southern California Edison Co 80/03/05 2pp

## DOCKETED ITEMS

8003170439 Interim deficiency rept re rod drop analysis Westinghouse interim solution re automatic mode of reactor control will be incorporated into operating procedures if no long-term solution is available prior to loading fuel  
CREWS, E H South Carolina Electric & Gas Co 80/03/06 2pp

8003240476 Interim deficiency rept re rod drop analysis Util evaluating proposed interim solution providing recommendations re automatic mode of reactor control  
CREWS, E H Southern California Edison Co 80/03/06 2pp

8003240461 Final deficiency rept re potential for governor valve to close while turbine is in on standby, subjecting valve to excessive vibration Cause unstated Governor linkage modified to accommodate spring which preloads valve linkage  
CREWS, E H Southern California Edison Co 80/03/07 2pp

8003280461 Final deficiency rept safety-related Class 3 butt welds & Class 1, 2 & 3 attachment welds generically contain undersize welds & other defects Caused by failure to comply w/ASME insp program Personnel retrained  
JOHNSON, H C South Carolina Electric & Gas Co 80/03/21 3pp

8003280559 Deficiency rept on 800221, possibility of undersize welds for branch connections was discovered Caused by program deviation of piping supplier wherein weld sizes were not translated into drawings & spool sizes Insp is underway  
JOHNSON, H C South Carolina Electric & Gas Co 80/03/21 3pp

## DOCKET 50-396 UNIV OF VIRGINIA CAVALIER REACTOR

## G Inspection reports, IE Bulletins &amp; correspondence

8003110494 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003060208 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-062/79-03 & 50-396/79-02  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/02/20 1p

--8003060218 Responds to NRC 800211 ltr re violations noted in IE Insp Repts 50-062/79-03 & 50-396/79-02 Corrective actions procedure changed to include calibr of resistance temp detector  
SHRIVER, B L Virginia, Univ of 80/02/11 1p

--8003060228 Forwards IE Insp Repts 50-062/79-03 & 50-396/79-02 on 791213-14 & notice of violation  
LEWIS, R C Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/17 2pp

--8003060231 Notice of violation from insp on 791213-14  
\* Region 2, Atlanta, Reactor Operations Nuclear Support Branch.  
80/01/17 1p

--8003060235 IE Insp Repts 50-062/79-03 & 50-396/79-02 on 791213-14. Noncompliance noted failure to conduct safety sys channel calibrs  
KELL000, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch  
WEBSTER, E H Region 2, Atlanta, Office of the Director  
80/01/17 6pp

## DOCKET 50-397 WPPSS NUCLEAR PROJECT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003240042 Notification of 800226-2B meeting w/util at plant sites to review const progress  
LYNCH, M D Light Water Reactors Branch 4 80/02/19 4pp

8003060534 Requests attendance of appropriate NRC reviewers at 800327-2B meeting at site to present changes in Chapter 7 to F8AR. Plant familiarization tour will be given & util personnel will be available to answer questions  
RENNBERGER, D L Washington Public Power Supply System 80/02/28 2pp

8003110588 Submits info, per NRC 800206 request re endangered & threatened species present in proposed const area. No species proposed for endangered list are within area  
MEYER, W H Interior, Dept of, Fish & Wildlife Service 80/02/29, 4pp.

## G Inspection reports, IE Bulletins &amp; correspondence

8003170142 Responds to IF Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel Generators 1 & 2 have neutral grounding resistor to limit neutral current flow to less than 12.5 amperes  
RENNBERGER, D L Washington Public Power Supply System 79/11/02 1p

8003120744 Responds to IF Bulletin 79-25 No Westinghouse type BFD relays used or planned for use in facility safety-related sys  
RENNBERGER, D L Washington Public Power Supply System 79/12/04 1p

8003130516 Responds to IE Bulletin 79-24 requesting that CP holders review facilities to determine that measures have been taken to assure safety-related process, instrumentation & sampling lines do not freeze in cold weather Lines are protected  
RENNBERGER, D L Washington Public Power Supply System 79/12/04 2pp

8003060618 Forwards IE Insp Rept 50-397/79-19 on 791203-06 No noncompliance noted  
CREWS, J L Region 5, San Francisco, Reactor Operations Nuclear Support Branch 80/01/18 2pp

--8003060623 IE Insp Rept 50-397/79-19 on 791203-06 No noncompliance noted Major areas inspected preoperational test procedures, overall preoperational test program, tour of plant & const status  
STERNBERG, D H Region 5, San Francisco, Reactor Operations Nuclear Support Branch  
CARLSON, J D, JOHNSON, P H Region 5, San Francisco, Office of the Director 80/01/17 4pp

8003170151 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Util has no NAMCO Model EA180 stem mounted limit switches in use in safety-related sys sustained temps above 175 F  
RENNBERGER, D L Washington Public Power Supply System 80/01/28 1p

8003280060 Responds to IF Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " No switches used or planned for use in safety-related applications at sustained temps over 175 F  
RENNBERGER, D L Washington Public Power Supply System 80/01/28 1p

8003120299 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003120522 Discusses error in date of full compliance per IE Insp Rept 50-397/79-16 on 800225-28 Full compliance re improper maint of instrument racks by Fischbach/Lord Electric Co will be achieved on 800331, not 800131  
RENNBERGER, D L Washington Public Power Supply System 80/02/29 2pp

8003280114 Notifies of error re notice of violation per IE Insp Rept 50-397/79-16 on 791022-25 Full compliance not achieved by 800131 re improper maint of instrument racks by Fischbach/Lord Electric Co Will achieve compliance by 800331  
RENNBERGER, D L Washington Public Power Supply System 80/02/29 2pp

8003120517 Responds to NRC 800121 ltr documenting results per IE Insp Rept 50-397/79-10 on 790517, 0529-0601, 11-14 & 0910-14 Specific NRC findings & supply sys response encl  
RENNBERGER, D L Washington Public Power Supply System 80/03/05 5pp

8003140382 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180119 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260574 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director, 80/03/10 1p

# DOCKETED ITEMS

237

8003310125 Forwards IE Insp Rept 50-397/80-02 on 800130 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDEHAUD, L R Region 5, San Francisco, Safeguards Branch  
80/03/10 2pp

8003310166 Forwards IE Insp Rept 50-397/80-03 on 800212-14 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDEHAUD, L R Region 5, San Francisco, Safeguards Branch  
80/03/10 2pp

8003260401 Forwards IF Bulletin 80-06 "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/13 1p

8003250164 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260357 Forwards IF Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

## B Reportable occurrences, LERs & related correspondence

8003130374 PND-V-80-001 on 800129, field studies for NNP-2 FSAR identified fault in rock quality southeast of Kennewick, WA. Significance not determined Technical evaluation will be provided in Mar 1980  
BISHOP, T W Region 5, San Francisco, Office of the Director  
80/02/15 1p

8003240522 Forwards interim deficiency rept re condensate collecting in reactor core isolation cooling piping  
RENNBERGER, D L Washington Public Power Supply System 80/03/14 1p

--8003240526 Interim deficiency rept re condensate collecting in reactor core isolation cooling piping due to four inch steam supply piping to turbine coming off top of 10-inch steam supply header rather than bottom Drain line added  
\* Washington Public Power Supply System 80/03/14 1p

## T Hearing transcripts on non-antitrust matters

8003310013 Forwards transcript of util 800206 briefing re sacrificial shield wall, pipe whip restraints & related structures & copy of slides used during util briefing  
Requests review of transcript & corrections  
SPENCER, C S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/03/11 2pp

--8003310017 Transcript of 800206 briefing to NRC in Bethesda, MD re sacrificial shield wall, pipe whip restraints & related structures Pp 1A-122  
\* Washington Public Power Supply System 80/02/06 124pp

## DOCKET 50-400 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1

### A Application/construction stage documents & correspondence

8003270496 "Environ Analysis for Harris-Harnett 500 KV Transmission Line Route Selection "  
\* Carolina Power & Light Co 79/07/31 75pp

--8003270501 "Environ Analysis for Wake-Richmond 500 KV Line, Harris-Harnett Section Alternate Route Evaluation Rept "  
\* Carolina Power & Light Co 79/07/30 67pp

8003030612 Final rept on defective Seismic Class I hanger welds Welds not reportable under 10CFR50 55(e) Metallurgical investigation revealed basically cosmetic defects Corrective actions completed & acceptable  
CHIANGI, W J Carolina Power & Light Co 80/02/22 1p

8003070045 Notifies of 800306-07 meeting w/util at site to review proposed Harris-Harnett transmission corridor, as required by CP Condition 3-9  
KEBLUSEK, S Environmental Projects Branch 2 80/02/25 2pp

800310576 Forwards draft NPDES permit, Revised draft will be resubmitted to EPA  
MILLER, W C North Carolina, State of 80/02/27 1Bpp

8003260542 Discusses 790427 transfer of lead responsibility from IE to Ofc of Nuclear Reactor Regulation re fill supporting pipe & conduit concerns Items of concern have been resolved  
Licensee should be permitted to continue const  
JACKSON, R E Geosciences Branch 80/03/03 2pp

8003240238 Discusses ALAB-577 NRC must insure that no notice of opportunity for hearing is issued on DL applications until preliminary evaluation of util capability to operate units in conformity w/NRC requirements has been made  
CHRISTENBURY, E Office of the Executive Legal Director 80/03/04 1p

8003210513 Advises that util is proceeding w/implementation of use of AIF 791004 position paper for procurement of off-the-shelf items Procedures were clarified at 800118 meeting w/NRC & AIF in Washington, DC  
MC DUFFIE, M A Carolina Power & Light Co 80/03/18 1p

8003260301 Forwards "Main Dam Spillway Features 1,2 & Faults F4, A6, C2, F3, G, Q2, Q3, H & I " Geologic features 1 & 2 in main dam core trench & spillway are not faults Rept available in Central Files only  
MC DUFFIE, M A Carolina Power & Light Co 80/03/20 1p

## F Security, medical, emergency & fire protection plans

8003030411 Ack receipt of NRC 791226 ltr re request for evacuation time estimates Large-scale evacuation data can be obtained only after details of acceptable emergency plan has been developed / approved by state authority  
MC DUFFIE, M A Carolina Power & Light Co 80/02/25 1p

## Q Adjudicatory correspondence

8003190281 Responds to 800216 postcard suggesting separate license hearings for each unit of facility ASLAP cannot act on suggestions until util clarifies intention re licensing of all four units at once  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/05 1p

--8003190291 Suggests that separate licensing hearings be held for each unit of facility Util has record of understaffing at Brunswick facility & does not have enough personnel to run proposed plant Understaffing raises safety issue  
EDDLEMAN, W Kudzu Alliance 80/02/16 1p

8003310259 Order granting extension until 800411 for Commission to act upon or grant petitions to review ALAB-577 & ALAB-581  
CHILK, S J Office of the Secretary of the Commission 80/03/24 1p

8003310259 Order granting extension until 800411 for Commission to act upon or grant petitions to review ALAB-577 & ALAB-581  
CHILK, S J Office of the Secretary of the Commission 80/03/24 1p

## Q Inspection reports, IE Bulletins & correspondence

8003210316 Notice of violation from insp on 790918-21  
\* Region 2, Atlanta, Office of the Director 79/10/18 1p

8003210277 Ack receipt of 791107 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/11/26 1p

--8003210283 Responds to NRC 791022 ltr re violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18, Corrective actions extended concrete cure periods, completed satisfactory cleanup & advised QA inspectors to issue repts  
HOWE, P W Carolina Power & Light Co 79/11/07 3pp

--8003210297 Ack receipt of 791022 ltr re IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 No proprietary info  
HOWE, P W Carolina Power & Light Co 79/10/31 1p

--8003210307 Forwards IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/10/22 2pp

--8003210316 Notice of violation from insp on 790918-21  
\* Region 2, Atlanta, Office of the Director 79/10/18 1p



## DOCKETED ITEMS

- 8003210325 IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 Noncompliance noted processing & review of const deficiencies  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARRIS, J R Region 2, Atlanta, Office of the Director 79/10/18 4pp
- 8003270183 Ack receipt of IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/28 1p
- 8003270201 Forwards IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-28 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/17 2pp
- 8003270213 IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted Major areas inspected steel structures & supports & welding activities  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/01/17 4pp
- 8003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp
- 8003190080 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p
- 8003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p
- 8003180116 Forwards IF Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp
- 8003210163 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit switches not used in safety-related equipment provided by Westinghouse Investigation of use of switches in non-NSSS equipment not complete  
HCDUFFIE, M A Carolina Power & Light Co 80/02/06 1p
- 8003180028 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp
- 8003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p
- 8003190922 Ack receipt of IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/02/25 1p
- 8003190940 Forwards IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp
- 8003190961 IE Insp Repts 50-400/80-03, 401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted Major areas inspected licensee identified items; inspector followup items & welding mat'l control  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/02/13 5pp
- 8003190643 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p
- 8003190646 Responds to NRC 800122 ltr re violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
Corrective actions oscillating sprinkler w/water supply placed in concrete curing room  
HOWE, P W Carolina Power & Light Co 80/02/03 2pp
- 8003190651 Ack receipt of IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/29 1p
- 8003190656 Forwards IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/22 2pp
- 8003190662 Notice of violation from insp on 800102-04  
" Region 3, Chicago, Office of the Director 80/01/22 1p
- 8003190676 IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 Noncompliance noted improper curing of concrete cylinders in concrete lab  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHAN, J J Region 2, Atlanta, Office of the Director 80/01/22 6pp
- 8003180309 Forwards IF Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003140406 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180124 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003270034 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p
- 8003260189 Forwards IF Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p
- 8003230547 Forwards IE Info Notice 80-11, "Generic Problems W/ASCC Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p
- 8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp
- S Reportable occurrences, LERs & related correspondence
- 8003180139 PND-II-80-033 on 800226, allegation received by NC Dept of Human Resources that unauthorized radioactive mat'l was onsite & spent fuel was being stored, exposing workers State will perform radiation survey on 800229  
BRADLEY, R D, WILCOX, J D Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003110619 Interim deficiency rept re rebar omission in reactor auxiliary bldg Corrective action will be completed by approx 800601 Final rept will be submitted following corrective action  
CHIANQI, N J Carolina Power & Light Co 80/02/29 1p
- 8003110624 Interim deficiency rept re deficiencies in procurement, fabrication & insp of engineered plates for concrete embedment & support of safety-related loads Three plates remain on GA hold Final rept expected by 800601  
CHIANQI, N J Carolina Power & Light Co 80/02/29 1p

# DOCKETED ITEMS

239

## DOCKET 50-401 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 2

### A Application/construction stage documents & correspondence

B003270496 "Environ Analysis for Harris-Harnett 500 KV Transmission Line Route Selection"  
\* Carolina Power & Light Co 79/07/31 75pp

--B003270501 "Environ Analysis for Wake-Richmond 500 kv Line, Harris-Harnett Section Alternative Route Evaluation Rept."  
\* Carolina Power & Light Co 79/09/30 67pp

B0033030612 Final rept on defective Seismic Class I hanger welds Welds not reportable under 10CFR50.55(a) Metallurgical investigation revealed basically cosmetic defects Corrective actions completed & acceptable  
CHIANGLI, N J Carolina Power & Light Co 80/02/22 1p

B0033070045 Notices of B00306-07 meeting w/util at site to review proposed Harris-Harnett transmission corridor, as required by CP Condition 3-9  
KEBLUSEK, S Environmental Projects Branch 2 80/02/25 2pp

B0033110576 Forwards draft NPDES permit Revised draft will be resubmitted to EPA  
MILLS, W C North Carolina, State of 80/02/27 18pp

B003260542 Discusses 790427 transfer of lead responsibility from IF to Dfc of Nuclear Reactor Regulation re fill supporting pipe & conduit concerns Items of concern have been resolved Licensee should be permitted to continue const  
JACKSON, R E Geosciences Branch 80/03/03 2pp

B003240238 Discusses ALAB-577 NRC must insure that no notice of opportunity for hearing is issued on OL applications until preliminary evaluation of util capability to operate units in conformity w/NRC requirements has been made  
CHRISTENBURY, E Office of the Executive Legal Director 80/03/04 1p

B003210513 Advises that util is proceeding w/implementation of use of AIF 791004 position paper for procurement of off-the-shelf items Procedures were clarified at B00118 meeting w/NRC & AIF in Washington, DC  
MCDUFFIE, M A Carolina Power & Light Co 80/03/18 1p

B003260301 Forwards "Main Dam Spillway Features 1, 2 & Faults F4, A6, C2, F5, O, G2, O3, H & I" Geologic features 1 & 2 in main dam core trench & spillway are not faults Rept available in Central Files only  
MCDUFFIE, M A Carolina Power & Light Co 80/03/20 1p

### F Security, medical, emergency & fire protection plans

B0033030411 Ack receipt of NRC 791226 ltr re request for evacuation time estimates Large-scale evacuation data can be obtained only after details of acceptable emergency plan has been developed & approved by state authority  
MCDUFFIE, M A Carolina Power & Light Co 80/02/25 1p

### G Adjudicatory correspondence

B003190281 Responds to B00216 postcard suggesting separate license hearings for each unit of facility AGLAP cannot act on suggestions until util clarifies intention re licensing of all four units at once  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/05 1p

--B003190291 Suggests that separate licensing hearings be held for each unit of facility Util has record of understaffing at Brunswick facility & does not have enough personnel to run proposed plant Understaffing raises safety issue  
EDDLERMAN, W Kudzu Alliance 80/02/16 1p

B003310239 Order granting extension until B00411 for Commission to act upon or grant petitions to review ALAB-577 & ALAB-581  
CHILK, S J Office of the Secretary of the Commission 80/03/24 1p.

### H Inspection reports, IE Bulletins & correspondence

B003210277 Ack receipt of 791107 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/11/26 1p

--B003210283 Responds to NRC 791022 ltr re violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 Corrective actions extended concrete cure periods, completed satisfactory cleanup & advised QA inspectors to issue repts  
HOWE, P W Carolina Power & Light Co 79/11/07 3pp

--B003210297 Ack receipt of 791022 ltr re IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 No proprietary info  
HOWE, P W Carolina Power & Light Co 79/10/31 1p

--B003210307 Forwards IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/10/22 2pp

--B003210316 Notice of violation from insp on 790918-21  
\* Region 2, Atlanta, Office of the Director 79/10/18 1p

--B003210325 IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 Noncompliance noted processing & review of const deficiencies  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARRIS, J R Region 2, Atlanta, Office of the Director 79/10/18 4pp

B003270183 Ack receipt of IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/28 1p

--B003270201 Forwards IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/17 2pp

--B003270213 IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted Major areas inspected steel structures & supports & welding activities  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/01/17 4pp

B003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys" No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

B003190080 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

B003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

B003180116 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

B003210163 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit switches not used in safety-related equipment provided by Westinghouse Investigation of use of switches in non-NSSS equipment not complete  
MCDUFFIE, M A Carolina Power & Light Co 80/02/06 1p

B003180028 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

B003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003190922 Ack receipt of IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/02/25 1p

## DOCKETED ITEMS

--8003190940 Forwards IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003190961 IE Insp Repts 50-400/80-03, 401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted Major areas inspected licensee identified items, inspector Followup items & welding matl control  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAHE, J J Region 2 Atlanta, Office of the Director 80/02/13 5pp

8003190643 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003190646 Responds to NRC 800122 ltr re violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
Corrective actions oscillating sprinkler w/water supply placed in concrete curing room  
HOWE, P W Carolina Power & Light Co 80/02/05 2pp

--8003190651 Ack receipt of IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/29 1p

--8003190656 Forwards IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003190662 Notice of violation from insp on 800102-04  
\* Region 3, Chicago, Office of the Director 80/01/22 1p

--8003190676 IF Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 Noncompliance noted improper curing of concrete cylinders in concrete lab  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHE, J J Region 2, Atlanta, Office of the Director 80/01/22 6pp

8003180309 Forwards IE Info Notice 80-01, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140406 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180124 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270034 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260189 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

8003250547 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

S Reportable occurrences, LERs & related correspondence

8003180139 PNU-II-80-033 on 800226, allegation received by NC Dept of Human Resources that unauthorized radioactive matl was onsite & spent fuel was being stored, exposing workers State will perform radiation survey on 800229  
BRADLEY, R D, WILCOX, J D Region 2, Atlanta, Office of the Director 80/02/27 1p

8003110619 Interim deficiency rept re rebar omission in reactor auxiliary bldg Corrective action will be completed by approx 800601 Final rept will be submitted following corrective action  
CHIANG, H J Carolina Power & Light Co 80/02/29 1p

8003110624 Interim deficiency rept re deficiencies in procurement, fabrication & insp of engineered plates for concrete embedment & support of safety-related loads Three plates remain on QA hold Final rept expected by 800601  
CHIANG, H J Carolina Power & Light Co 80/02/29 1p

DOCKET 50-402 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 3

A Application/construction stage documents & correspondence

8003270496 "Environ Analysis for Harris-Harnett 500 KV Transmission Line Route Selection "  
\* Carolina Power & Light Co 79/07/31 75pp

--8003270501 "Environ Analysis for Wake-Richmond 500 kV Line, Harris-Harnett Section Alternate Route Evaluation Rept "  
\* Carolina Power & Light Co 79/09/30 67pp

8003030612 Final rept on defective Seismic Class 1 hanger welds Welds not reportable under 10CFR50 55(e) Metallurgical investigation revealed basically cosmetic defects Corrective actions completed & acceptable  
CHIANG, H J Carolina Power & Light Co 80/02/22 1p

8003070045 Notifies of 800306-07 meeting w/util at site to review proposed Harris-Harnett transmission corridor, as required by CP Condition 3-9  
KEBLUSEK, S Environmental Projects Branch 2 80/02/25 2pp

8003110516 Forwards draft NPE5 permit Revised draft will be resubmitted to EPA  
MILLS, W C North Carolina, State of 80/02/27 18pp

8003260542 Discusses 790427 transfer of lead responsibility from IE to Ofc of Nuclear Reactor Regulation re fill supporting pipe & conduit concerns Items of concern have been resolved Licensee should be permitted to continue const  
JACKSON, R E Geosciences Branch 80/03/03 2pp

8003240238 Discusses ALAB-577 NRC must insure that no notice of opportunity for hearing is issued on DL applications until preliminary evaluation of util capability to operate units in conformity w/NRC requirements has been made  
CHRISTENBURY, E Office of the Executive Legal Director 80/03/04 1p

8003210513 Advises that util is proceeding w/implementation of use of AIF 791004 position paper for procurement of off-the-shelf items Procedures were clarified at 800118 meeting w/NRC & AIF in Washington, DC  
MC DUFFIE, M A Carolina Power & Light Co 80/03/18 1p

8003260301 Forwards "Main Dam Spillway Features 1, 2 & Faults F4, A6, C2, F5, G, G2, G3, H & I " Geologic features 1 & 2 in main dam core trench & spillway are not faults Rept available in Central Files only  
MC DUFFIE, M A Carolina Power & Light Co 80/03/20 1p

F Security, medical, emergency & fire protection plans

8003030411 Ack receipt of NRC 791226 ltr re request for evacuation time estimates Large-scale evacuation data can be obtained only after details of acceptable emergency plan has been developed & approved by state authority  
MC DUFFIE, M A Carolina Power & Light Co 80/02/25 1p

# DOCKETED ITEMS

241

## G Adjudicatory correspondence

8003190281 Responds to 800216 postcard suggesting separate license hearings for each unit of facility ASLAP cannot act on suggestions until util clarifies intention re licensing of all four units at once  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/05 1p

--8003190291 Suggests that separate licensing hearings be held for each unit of facility Util has record of understaffing at Brunswick facility & does not have enough personnel to run proposed plant Understaffing raises safety issue  
EDDLEMAN, W Kudzu Alliance 80/02/16 1p

8003310259 Order granting extension until 800411 for Commission to act upon or grant petitions to review ALAB-577 & ALAB-581  
CHILK, S J Office of the Secretary of the Commission 80/03/24 1p

## G Inspection reports, IE Bulletins & correspondence

8003210277 Ack receipt of 791107 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/11/24 1p

--8003210283 Responds to NRC 791022 ltr re violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18  
Corrective actions extended concrete cure periods, completed satisfactory cleanup & advised QA inspectors to issue repts  
HOWE, P W Carolina Power & Light Co 79/11/07 3pp

--8003210297 Ack receipt of 791022 ltr re IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 No proprietary info  
HOWE, P W Carolina Power & Light Co 79/10/31 1p

--8003210307 Forwards IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/10/22 2pp

--8003210316 Notice of violation from insp on 790918-21  
\* Region 2, Atlanta, Office of the Director 79/10/18 1p

--8003210325 IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 Noncompliance noted processing & review of const deficiencies  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARRIS, J R Region 2, Atlanta, Office of the Director 79/10/18 4pp

8003270183 Ack receipt of IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/28 1p

--8003270201 Forwards IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted.  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/17 2pp

--8003270213 IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted Major areas inspected steel structures & supports & welding activities  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/01/17 4pp

8003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp.

8003190080 Forwards IE Circular 79-25, Suppl A, "Block Arrestor Strut Assembly Interference " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/01/31 1p.

8003110410 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/01 1p

8003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180116 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003210163 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit switches not used in safety-related equipment provided by Westinghouse Investigation or use of switches in non-NSSB equipment not complete  
MCDUFFIE, M A Carolina Power & Light Co 80/02/06 1p

8003180028 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp.

8003190390 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190922 Ack receipt of IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/02/25 1p

--8003190940 Forwards IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted.  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003190961 IE Insp Repts 50-400/80-03, 401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted Major areas inspected licensee identified items, inspector followup items & welding matl control  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/02/13 5pp

8003190643 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003190646 Responds to NRC 800122 ltr re violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01  
Corrective actions oscillating sprinkler w/water supply placed in concrete curing room  
HOWE, P W Carolina Power & Light Co 80/02/05 2pp

--8003190651 Ack receipt of IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/29 1p

--8003190656 Forwards IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003190662 Notice of violation from insp on 800102-04  
\* Region 3, Chicago, Office of the Director 80/01/22 1p

--8003190676 IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 Noncompliance noted improper curing of concrete cylinders in concrete lab  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHAN, J J Region 2, Atlanta, Office of the Director 80/01/22 6pp

8003180309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp.

8003140406 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Bus Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

## DOCKETED ITEMS

B003180124 Forwards IE Info Notice B0-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003270034 Forwards IE Bulletin B0-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

B003260189 Forwards IF Bulletin B0-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

B003250547 Forwards IE Info Notice B0-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

B003260207 Forwards IE Circular B0-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

#### S Reportable occurrences, LERs & related correspondence

B003180139 PNO-FI-B0-033 on B00226, allegation received by NC Dept of Human Resources that unauthorized radioactive matl was onsite & spent fuel was being stored, exposing workers State will perform radiation survey on B00227  
BRADLEY, R D Region 2, Atlanta, Office of the Director 80/02/27 1p

B003110619 Interim deficiency rept re rebar omission in reactor auxiliary bldg Corrective action will be completed by approx 800601. Final rept will be submitted following corrective action  
CHIANQI, N J Carolina Power & Light Co 80/02/29 1p

B003110624 Interim deficiency rept re deficiencies in procurement, fabrication & insp of engineered plates for concrete embedment & support of safety-related loads Three plates remain on QA hold Final rept expected by 800601  
CHIANQI, N J Carolina Power & Light Co 80/02/29 1p

#### DOCKET 50-403 SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 4

##### A Application/construction stage documents & correspondence

B003270496 "Environ Analysis for Harris-Harnett 500 KV Transmission Line Route Selection "  
\* Carolina Power & Light Co 79/07/31 75pp

--B003270501 "Environ Analysis for Wake-Richmond 500 kV Line, Harris-Harnett Section Alternate Route Evaluation Rept "  
\* Carolina Power & Light Co 79/07/30 67pp

B003030612 Final rept on defective Seismic Class I hanger welds Welds not reportable under 10CFR50.55(e) Metallurgical investigation revealed basically cosmetic defects Corrective actions completed & acceptable  
CHIANQI, N J Carolina Power & Light Co 80/02/22 1p

B003070045 Notifies of B00306-07 meeting w/util at site to review proposed Harris-Harnett transmission corridor, as required by CP Condition 3-9  
KEBLUSEK, S Environmental Projects Branch 2 80/02/25 2pp

B003110576 Forwards draft NPDES permit Revised draft will be resubmitted to EPA  
MILLS, W C North Carolina, State of 80/02/27 18pp

B003260542 Discusses 790427 transfer of lead responsibility from IE to Ofc of Nuclear Reactor Regulation re fill supporting pipe & conduit concerns Items of concern have been resolved. Licensee should be permitted to continue const  
JACKSON, R E Geosciences Branch 80/03/03 2pp

B003240238 Discusses ALAB-577 NRC must insure that no notice of opportunity for hearing is issued on DL applications until preliminary evaluation of util capability to operate units in conformity w/NRC requirements has been made  
CHRISTENBURY, E Office of the Executive Legal Director 80/03/04 1p

B003210513 Advises that util is proceeding w/implementation of use of AIF 791004 position paper for procurement of off-the-shelf items Procedures were clarified at B00118 meeting w/NRC & AIF in Washington, DC  
MCDUFFIE, M A Carolina Power & Light Co 80/03/18 1p

B003260301 Forwards "Main Dam Spillway Features 1,2 & Faults F4, A6, C2, F5, G, Q2, Q3, H & I " Geologic features 1 & 2 in main dam core breach & spillway are not faults Rept available in Central Files  
MCDUFFIE, M A Carolina Power & Light Co 80/03/20 1p

#### F Security, medical, emergency & fire protection plans

B003030411 Ack receipt of NRC 791226 ltr re request for evacuation time estimates Large-scale evacuation data can be obtained only after details of acceptable emergency plan has been developed & approved by state authority  
MCDUFFIE, M A Carolina Power & Light Co 80/02/25 1p

#### G Adjudicatory correspondence

B003190281 Responds to B00216 postcard suggesting separate license hearings for each unit of facility ASAP cannot act on suggestions until util clarifies intention re licensing of all four units at once  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/05 1p

--B003190291 Suggests that separate licensing hearings be held for each unit of facility Util has record of understaffing at Brunswick facility & does not have enough personnel to run proposed plant Understaffing raises safety issue  
EDDLEMAN, W Kudu Alliance 80/02/16 1p

B003310259 Order granting extension until B00411 for Commission to act upon or grant petitions to review ALAB-577 & ALAB-581  
CHILK, S J Office of the Secretary of the Commission 80/03/24 1p

#### G Inspection reports, IE Bulletins & correspondence

B003210316 Notice of violation from insp on 790918-21  
\* Region 2, Atlanta, Office of the Director 79/10/18 1p

B003210277 Ack receipt of 791107 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/11/26 1p

- B003210283 Responds to NRC 791022 ltr re violations noted in IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 Corrective actions extended concrete cure periods, completed satisfactory cleanup / advised QA inspectors to issue repts  
HOWE, P W Carolina Power & Light Co 79/11/07 3pp

---B003210477 Ack receipt of 791022 ltr re IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 No proprietary info  
HOWE, P W Carolina Power & Light Co 79/10/31 1p

--B003210307 Forwards IF Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/10/22 2pp

---B003210325 IE Insp Repts 50-400/79-19, 50-401/79-19, 50-402/79-18 & 50-403/79-18 on 790918-21 Noncompliance noted processing & review of const deficiencies  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/10/18 4pp

B003270183 Ack receipt of IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/01/28 1p

---B003270201 Forwards IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/17 2pp

# DOCKETED ITEMS

243

--8003270213 IE Insp Repts 50-400/79-26, 50-401/79-26, 50-402/79-25 & 50-403/79-25 on 791127-29 No noncompliance noted Major areas inspected steel structures & supports & welding activities  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/17 4pp

8003170007 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190080 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31. 1p

8003120009 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180116 Forwards IF Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003210163 Responds to IE Bulletin 79-28 NAMCO Model EA180 limit switches not used in safety-related equipment provided by Westinghouse Investigation of use of switches in non-NBSS equipment not complete  
MCDUFFIC, M A Carolina Power & Light Co 80/02/06 1p

8003180020 Forwards IF Bulletin 80-04, "Analysis of PKR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190390 Forwards IF Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190922 Ack receipt of IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No proprietary info  
HOWE, P W Carolina Power & Light Co 80/02/25 1p

--8003190940 Forwards IE Insp Repts 50-400/80-03, 50-401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted  
BRYANT, C J Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003190961 IE Insp Repts 50-400/80-03, 401/80-03, 50-402/80-03 & 50-403/80-03 on 800122-25 No noncompliance noted Major areas inspected licensee identified items, inspector followup items & welding matl control  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/13 3pp

8003190643 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01, 50-403/80-02  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003190646 Responds to NRC 800122 ltr re violations noted in IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 Corrective actions oscillating sprinkler w/continuous water supply placed in concrete curing room  
HOWE, P W Carolina Power & Light Co 80/02/05 2pp.

--8003190651 Ack receipt of IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 & notice of violation  
HOWE, P W Carolina Power & Light Co 80/01/29 1p

--8003190656 Forwards IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003190662 Notice of violation from insp on 800102-04  
\* Region 3, Chicago, Office of the Director 80/01/22 1p

--8003190676 IE Insp Repts 50-400/80-01, 50-401/80-01, 50-402/80-01 & 50-403/80-01 on 800102-04 Noncompliance noted improper curing of concrete cylinders in concrete lab  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/22 6pp

8003180309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140406 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180124 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270034 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260187 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

8003250547 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260207 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

S Reportable occurrences, IERs & related correspondence

8003180139 PNO-11-80-033 on 800226, allegation received by NC Dept of Human Resources that unauthorized radioactive matl was onsite & spent fuel was being stored, exposing workers State will perform radiation survey on 800229  
BRADLEY, R D Region 2, Atlanta, Office of the Director 80/02/27 1p

8003110619 Interim deficiency rept re rebar omission in reactor auxiliary bldg Corrective action will be completed by approx 800601 Final rept will be submitted following corrective action  
CHIANGI, N J Carolina Power & Light Co 80/02/29 1p

8003110624 Interim deficiency rept re deficiencies in procurement, fabrication & insp of engineered plates for concrete embedment & support of safety-related loads Three plates remain on GA hold Final rept expected by 800601  
CHIANGI, N J Carolina Power & Light Co 80/02/29 1p

DOCKET 50-404 NORTH ANNA POWER STATION, UNIT 3

A Application/construction stage documents & correspondence

8003240316 FOIA request for documents re requested extension of const completion dates for facilities  
HANSELL, D Illinois, State of 80/02/06 2pp

8003270186 Forwards hydrologic engineering questions in response to 790821 ltr re proposed changes to design basis groundwater levels  
PARR, O D Light Water Reactors Branch 3 80/03/06 3pp

8003240320 Responds to FOIA request for documents re requested extension of const completion dates for facilities Forwards documents listed in App A  
FELTON, J M Division of Rules and Records 80/03/18 2pp

--8003240326 Negative declaration supporting order re extension of const completion dates for facilities  
REGAN, W H Environmental Projects Branch 2 79/04/18 2pp

## DOCKETED ITEMS

## F Security, medical, emergency &amp; fire protection plans

B003040268 Advise that info re estimates for evacuation times of areas around facilities, requested in NRC 791226 ltr, was provided in util 800206 ltr  
BROWN, S C Virginia Electric & Power Co 80/02/25 1p

## Q Inspection reports, IE Bulletins &amp; correspondence

B003050250 Forwards IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--B003050261 IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted Major areas inspected diesel generators & charging pumps, concrete testing, IE bulletins & followup on deficiencies  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch MCFARLAND, C F Region 2, Atlanta, Office of the Director 80/01/24 6pp

B003170066 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

B003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

B003120048 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

B003180081 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

B003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003120477 Advises that review of IE Bulletin 80-03 has temporarily stopped due to feasibility study of sites  
BROWN, S C Virginia Electric & Power Co 80/03/06 1p

B003240297 Notifies of suspension of review of IE Bulletin 80-03 due to performance of feasibility study Will resume review if study indicates continuing w/facilities as nuclear units  
BROWN, S C Virginia Electric & Power Co 80/03/06 1p

B003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07, 2pp

B003180324 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

B003260260 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

B003250580 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

B003260200 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET 80-405 NORTH ANNA POWER STATION, UNIT 4

## A Application/construction stage documents &amp; correspondence

B003240316 FOIA request for documents re requested extension of const completion dates for facilities  
HANSBELL, D Illinois, State of 80/02/06 2pp

B003270186 Forwards hydrologic engineering questions in response to 790821 ltr re proposed changes to design basis groundwater levels  
PARR, D D Light Water Reactors Branch 3 80/03/06 3pp

B003240320 Responds to FOIA request for documents re requested extension of const completion dates for facilities Forwards documents listed in App A  
FELTON, J M Division of Rules and Records 80/03/18 2pp

--B003240326 Negative declaration supporting order re extension of const completion dates for facilities  
REGAN, W H Environmental Projects Branch 2 79/04/18 2pp

## F Security, medical, emergency &amp; fire protection plans

B003040268 Advise that info re estimates for evacuation times of areas around facilities, requested in NRC 791226 ltr, was provided in util 800206 ltr  
BROWN, S C Virginia Electric & Power Co 80/02/25 1p

## Q Inspection reports, IE Bulletins &amp; correspondence

B003050250 Forwards IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--B003050261 IE Insp Repts 50-338/79-51, 50-339/79-57, 50-404/79-08 & 50-405/79-08 on 791218-20 No noncompliance noted Major areas inspected diesel generators & charging pumps, concrete testing, IE bulletins & followup on deficiencies  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 6pp

B003170066 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

B003190143 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

B003120048 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

B003180081 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

B003190456 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003190055 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

# DOCKETED ITEMS

245

8003120477 Advises that review of IE Bulletin 80-03 has temporarily stopped due to feasibility study of sites  
BROWN, S C Virginia Electric & Power Co 80/03/06 1p

8003240297 Notifies of suspension of review of IE Bulletin 80-03 due to performance of feasibility study Will resume review if study indicates continuing w/facilities as nuclear units  
BROWN, S C Virginia Electric & Power Co 80/03/06 1p

8003140416 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180324 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270045 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260260 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250580 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260200 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET 50-406 TUSKEGEE INST RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

8003110488 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003070323 Forwards IE Insp Rept 50-406/80-01 on 800212 No noncompliance noted Insp rept withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/28 1p

--8003070326 IE Insp Rept 50-406/80-01 on 800212 No noncompliance noted Major areas inspected review of portions of security plan; security areas, security organization, access control, security sys & fuel storage Withheld (ref 10CFR2 790)  
MOORE, D E Region 2, Atlanta, Office of the Director TOBIN, W J Region 2, Atlanta, Safeguards Branch 80/02/28 2pp

## DOCKET 50-407 UNIV OF UTAH RESEARCH REACTOR

S Reportable occurrences, LERs & related correspondence

8003140171 PNB-IV-80-004 on 800227, bomb threat received by Ofc of President Call stated bomb was placed in nuclear engineering lab Authorities were not notified & search conducted No bomb found Lab shut down for remainder of day  
WESTERMAN, T F, MADSEN, G L Region 4, Dallas, Office of the Director 80/02/27 1p

## DOCKET 50-409 LA CROSSE BOILING WATER REACTOR

F Security, medical, emergency & fire protection plans

8003170285 Comments on wiring change in fire alarm circuit on Pyrotechnics, Inc print 530-217098 revision Recommends licensee return circuit to original wiring configuration Detector could sense fire but not sound alarm  
MACDOUGALL, E A Brookhaven National Laboratory 79/06/26 1p

8003210485 Forwards BIA0036, "Fire Protection Sys Combined Water Demand Analysis," Revision 1, prepared by Nuclear Energy Svcs, Inc  
LINDER, F Dairyland Power Cooperative 80/03/11 1p

--8003210489 "Fire Protection Sys Combined Water Demand Analysis " FINNAN, C Nuclear Energy Service, Inc BIA0036 R1 80/01/28 54pp

Q Adjudicatory correspondence

8003240105 Forwards show cause order re facility liquefaction issue  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/25 2pp

--8003240108 Order to show cause directing licensee to submit detailed design proposal for site dewatering sys to preclude occurrence of liquefaction in event of earthquake & make sys operational  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/25 10pp

8003240619 Motion to compel Coulee Region Energy Coalition to respond to NRC 791214 interrogatories re LACBWR full-term license proceeding Requested info essential for proper preparation of testimony Certificate of Svc encl  
WOODHEAD, C P Hearing Branch 3 80/03/13 5pp

8003240430 Requests public hearing re show cause order issued to util on soil liquefaction problem at facility Lists issues that should be discussed beyond those listed by order  
OLSEN, F M Affiliation Unknown 80/03/18 6pp

8003260911 Requests hearing on 800225 show cause order re liquefaction issue be held in La Crosse, WI  
MORSE, A K Coulee Region Energy Coalition 80/03/19 1p

8003270028 Order granting extension until 800411 for Commission to elect whether to review director's 800229 decision denying petition under 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 80/03/19 1p

8003280469 Response to NRC 800225 show cause order Lists reasons why util should not be required to submit site dewatering sys design proposal by 800527 Affidavit & Certificate of Svc encl  
LINDER, F Dairyland Power Cooperative 80/03/25 12pp

--8003280473 "Response to NRC Concerns on Liquefaction Potential," prepared for LACBWR  
\* Dames & Moore 80/03/21 34pp

H General correspondence

8003050528 Protests util decision to cancel 800111 meeting w/NRC in Washington, DC Accuses util of stifling citizens participation in considering phase out of lifetime of LACBWR  
MORSE, A K Coulee Region Energy Coalition 80/02/10 4pp

P Operating license stage documents & correspondence

8003170197 Forwards draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis" & topics for discussion sent to fuel vendors Requests comments by 800109  
EISENHUT, D G Division of Operating Reactors 79/12/20 19pp

--8003170371 Draft "Cladding Swelling & Rupture Models for LOCA Analysis " POWERS, D A Core Performance Branch 79/11/30 106pp

8003170033 Responds to 800117 & 22 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by 800515 Acceptability of Category A Implementation sub j to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

--8003170036 Responds to 800122 documentation, re NRC 800102 show cause order, indicating equipment necessary to complete Category A items will be delivered by 800211 Acceptability of Category A Implementation sub j to review  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/01 2pp

8003180190 Forwards SEP "Guidelines for Evaluating Environ Qualification of Class IE Electrical Equipment In Operating Reactors " All SEP licensees requested to attend 800221 meeting in Bethesda, MD re qualifications review process  
ZIEHANN, D L Operating Reactors Branch 2 80/02/15 3pp



## DOCKETED ITEMS

8003240441 Forwards request for addl info needed for review of "LACBWR Rod Drop Probability Study " Requests response within 60 days  
ZIEHANN, D L Operating Reactors Branch 2 80/02/28 5pp

8003190373 Notification of 800319-20 meetings w/util in La Crosse, WI to discuss TMI Lessons Learned Task Force implementation audit  
SHEA, J J Operating Reactors Branch 2 80/02/29 2pp

8003120322 Submits info re verification of containment purge & vent valve operability in response to NRC 791023 request Forwards  
Allis-Chalmers Corp 791221 rept confirming adequacy of valves Summary of rept & supporting data encl  
LINDER, F Duke Power Co 80/03/06 20pp

--8003120329 "Test Rept on Allis-Chalmers 4-inch STREAMSEAL Butterfly Valve in Air re Nuclear Containment Isolation Valves "  
QOLDMAN, H L, SCHWARZ, P R, ZIDERS, R H Allis-Chalmers Corp  
VER-0209 79/12/21 150pp

8003170441 Forwards drawings & submits addl info re adequacy of station electric distribution sys voltage Drawings available in Central Files only  
LINDER, F Dairyland Power Cooperative 80/03/13 3pp

8003180631 Responds to 800222 request re assurance of component integrity & functionality of check valves as pressure isolation barrier between primary coolant sys & any low pressure sys Describes valve configuration  
LINDER, F Dairyland Power Cooperative 80/03/13 5pp.

8003200462 Forwards Nuclear Energy Svcs, Inc 770927 rept, "Safety Evaluation & Compliance w/NRC Staff Positions re LACBWR Emergency Power Sys," in response to NRC 770603 request to compare current design of power sys w/NRC positions  
LINDER, F Dairyland Power Cooperative 80/03/17 1p

--8003200468 "Safety Evaluation & Compliance w/NRC Staff Positions re LACBWR Emergency Power Sys "  
MILOS, R Nuclear Energy Service, Inc NES 81A0028 77/09/27 23pp

#### G Inspection reports, IF Bulletins & correspondence

8003190141 Responds to IE Bulletin 79-28, "Possible Malfunction of Namco EA180 Limit Switches at Elevated Temps " Namco EA180 switches, dtd code 790202-790824, not used in safety or non-safety-related circuits at facility  
LINDER, F Dairyland Power Cooperative 79/12/17 1p

8003140462 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003190027 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120172 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140221 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110120 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190343 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p.

8003110177 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p.

8003120687 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003270345 Responds to IE Bulletins 79-27 & 79-02 Procedures provided for loss of power to electrical buses No postulated failures of electrical power to buses that would prevent cold shutdown  
LINDER, F Dairyland Power Cooperative 80/02/28 2pp

8003120357 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003140326 Forwards supplemental info to IE Bulletin 79-018, "Environmental Qualification of Class IE Equipment " Response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 8pp

8003180368 Forwards response to IE Info Notice 79-37, "Cracking In Low Pressure Turbine Discs " Plant turbine generator does not incorporate shrink-on discs on either low pressure or high pressure turbine spindle Vendor ltrs encl  
MALLAT, O R Dairyland Power Cooperative 80/03/04 4pp

--8003180371 "Answers to Questions About La Crosse BWR Received from Div of Reactor Licensing " Two oversize drawings encl  
\* Allis-Chalmers Corp ACNP-66541 66/06/30 17pp

8003180240 Forwards IE Circular 80-03, "Protection From Toxic Gas Hazards " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/06 1p

8003260635 Responds to IE Bulletin 80-03, "Loss of Charcoal from Std Type II, 2 Inch Tray Adsorber Cells " Flanders Type II charcoal adsorber cartridges or similar designs not used at facility.  
LINDER, F Dairyland Power Cooperative 80/03/06 2pp

8003260184 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/07 1p

8003260064 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260496 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260417 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003260099 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260250 Forwards IE Circular 80-04, "Securing of Treaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### R Periodic operating reports & related correspondence

8003060528 Forwards "Annual Rept for 1979," containing radiological exposure summary & "Description of Changes, Tests & Experiments "  
LINDER, F Dairyland Power Cooperative 80/02/28 1p

--8003060530 Radiological exposure reporting number of personnel & man-rem by work & job function Constitutes part of "Annual Rept for 1979 "  
\* Dairyland Power Cooperative 79/12/31 3pp

# DOCKETED ITEMS

247

--8003060532 "Description of Changes, Tests & Experiments" for 1979  
\* Dairyland Power Cooperative 80/02/28 4pp

8003110653 Forwards monthly operating rept for Feb 1980  
LINDER, F Dairyland Power Cooperative 80/03/04 1p

--8003110654 Monthly operating rept for Feb 1980  
GOODMAN, L S Dairyland Power Cooperative 80/03/04 8pp

8003240413 Forwards "Radioactive Effluent Rept & Environ Monitoring  
Rept, 1979 "  
LINDER, F Dairyland Power Cooperative 80/03/14 1p

--8003240415 "Radioactive Effluent Rept & Environ Monitoring Rept, 1979 "  
\* Dairyland Power Cooperative 79/12/31 35pp

## S Reportable occurrences, LERs & related correspondence

8003180504 Forwards LER 79-01B/01X-1  
LINDER, F Dairyland Power Cooperative 80/03/11 2pp

--8003180513 LER 79-01B/01X-1 on 791214, util received notification from  
manufacturer that containment isolation dampers as installed  
require repositioning to ensure quick full closure Final  
analysis concludes existing installation adequate  
GOODMAN, L S Dairyland Power Cooperative 80/03/11 1p

## U Congressional/Executive Correspondence

8003040273 Forwards Badger Safe Energy Alliance 800126 request to hold  
meetings re facility in LaCrosse, WI area intervenors should  
be afforded reasonable opportunity for input  
PROXMIER, W Senate 80/02/05 2pp

## DOCKET 80-410 NINE MILE POINT NUCLEAR STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003130148 Notification of 800227 meeting W/OE & Mark II owners group  
in Bethesda, MD to discuss Mark II long-term program & plans  
to evaluate JAERI & OKS data Proposed agenda encl  
ELTAHILA, F Containment Systems Branch 80/02/01 12pp

8003040584 Forwards response to Request 361 S in NRC 791001 ltr re  
geologic info for facility Discusses various rock monitoring  
sys at site Util will continue monitoring programs until  
commercial operation begins Oversize drawings encl  
RHODE, G K Niagara Mohawk Power Corp 80/02/29 100pp

8003070353 Forwards info re use of austenitic stainless steel in  
facility in response to NRC 780308 request All ASME Class I  
pipe & fitting matl is of type & grade highly resistant to  
oxygen-assisted stress corrosion in as-installed condition  
RHODE, G K Niagara Mohawk Power Corp 80/02/29 4pp

### F Security, medical, emergency & fire protection plans

8003180579 Forwards previously submitted Parsons, Brinckerhoff, Quade &  
Douglas, Inc 800131 rept, "Evacuation Time Estimates for  
Areas Near Site of James A Fitzpatrick & Nine Mile Point  
Power Plants," in response to NRC 791226 request  
RHODE, G K Niagara Mohawk Power Corp 80/03/11 1p

### H General correspondence

8003060606 Responds to 791220 ltr to Ahern re more stringent design  
stds & more rigorous accounting procedures to reduce costs  
at site Facility is under const at reduced pace Util has  
reduced work force & delayed completion date  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/22 5pp.

--8003060614 Requests action to establish stringent safety design stds &  
rigorous accounting procedures as soon as possible to give  
util direction to complete const of Facility  
ZAGAME, J R New York, State of 79/12/20 1p.

### G Inspection reports, IE Bulletins & correspondence

8003060676 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ocs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
ORIER, B H Region I, Philadelphia, Office of the Director,  
79/11/29 1p

8003120718 Responds to IE Bulletin 79-28 NAMCO EA180 switches not  
planned for use in facility safety-related sys  
BARTLETT, J Niagara Mohawk Power Corp 80/02/08 1p

8003250470 Responds to IE Bulletin 80-02 Plant has no reactor feedwater  
spargers or thermal sleeves mfg by Marvin Engineering Co  
Original OE equipment replaced during 1977 w/new spargers  
& thermal sleeves mfg by LAMCO Industries, Inc  
BARTLETT, J Niagara Mohawk Power Corp 80/02/19 1p

8003120532 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/02/29 1p

8003190267 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

8003260326 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/07 1p

8003260437 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "  
Action & written response required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/10 1p

8003260147 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/13 1p

8003250336 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/14 1p

8003260045 Forwards IE Circular 80-04, "Securing of Threaded Locking  
Devices on Safety-Related Equipment " No written response  
required  
ORIER, B H Region I, Philadelphia, Office of the Director  
80/03/14 1p

### S Reportable occurrences, LERs & related correspondence

8003070170 Ack receipt of util 800107 interim deficiency rept re  
radiowaste bldg geologic feature  
CARLSON, R T Region I, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/18 1p

--8003070175 Interim deficiency rept re possibility that radiowaste bldg  
geologic feature is not capable of generating earthquake-  
type movement Possible movement & predicted amount are being  
studied by monitoring  
RHODE, G K Niagara Mohawk Power Corp 80/01/07 2pp

8003060175 Ack receipt of util 790328 ltr forwarding 780130 final  
deficiency rept re breakdown in Dravo Pipe Fabrication Div  
QA program Problem reviewed during IE insp on 790320-23  
CARLSON, R T Region I, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/22 1p

--8003060181 Forwards 780130 final deficiency rept re breakdown in Dravo  
Pipe Fabrication Div QA program Rept previously transmitted  
w/780130 ltr  
RHODE, G K Niagara Mohawk Power Corp 79/03/28 1p

--8003060189 Final deficiency rept re breakdown in Dravo Pipe Fabrication  
Div QA program Corrective actions include retesting welds  
previously liquid penetrant-tested w/S&W QC personnel as  
witnesses  
\* Niagara Mohawk Power Corp 78/01/30 3pp

8003060145 Ack receipt of 800115 interim deficiency rept re biological  
shield wall linear indications  
CARLSON, R T Region I, Philadelphia, Reactor Construction &  
Engineering Support Branch 80/01/24 1p

## DOCKETED ITEMS

## DOCKET 50-412 BEAVER VALLEY POWER STATION, UNIT 2

## Q Adjudicatory correspondence

8003190593 Notifies that NRC has issued order extending facility const completion date until 841231 in response to 790509 request Forwards order, NRC safety evaluation, negative declaration & EIA  
STOLZ, J F Light Water Reactors Branch 1 80/01/30 2pp

--8003190595 Order extending facility const completion date until 841231  
Delay is necessitated by increase in const costs, difficulties in receiving capital funds & downward revision in demand forecast for power  
ROSS, D F Division of Project Management 80/01/30 2pp

--8003190599 Safety evaluation approving until 790509 request for extension of facility CP until 841231  
ANGELO, J, STOLZ, J F Light Water Reactors Branch 1 80/01/30 3pp

--8003190607 Negative declaration supporting extension of CPPR-105 to 841231  
SELLS, D E Environmental Projects Branch 2 79/12/26 2pp

--8003190613 EIA supporting extension of CPPR-105 to 841231  
\* Division of Site Safety & Environmental Analysis 79/12/26 3pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003260658 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003240054 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " No NAMCO EA180 stem-mounted limit switches utilized by util were code dated between Feb-Aug 1979  
WOOLEVER, E J Duquesne Light Co 80/01/29 1p

8003280208 Forwards IE Insp Rept 50-412/80-01 on 800115 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003280213 IE Insp Rept 50-412/80-01 on 800115 No noncompliance noted  
Major areas inspected allegation re improper installation of waterstop in safeguards bldg concrete wall  
MCGAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch NARROW, L Region 1, Philadelphia, Office of the Director 80/02/01 9pp

8003040070 Ack receipt of 800129 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-412/79-08  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/02/11 1p

--8003040074 Responds to NRC 791228 ltr re violations noted in IE Insp Rept 50-412/79-08 Corrective actions receipt insp plans amended to specify preservative coating on instruments  
WOOLEVER, E J Duquesne Light Co 80/01/29 3pp

--8003040077 Forwards IE Insp Rept 50-412/79-08 on 791106-08 & notice of violation  
CARLSON, R T Region 1, Philadelphia, Office of the Director 79/12/28 2pp

--8003040079 Notice of violation from insp on 791106-08  
\* Region 1, Philadelphia, Office of the Director 79/12/26 1p

--8003040082 IE Insp Rept 50-412/79-08 on 791106-08 Noncompliance noted failure to comply w/spec for preservation of pipe hangers & supports in storage  
MCGAUGHY, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch BATEMAN, W, NARROW, L Region 1, Philadelphia, Office of the Director 79/11/26 6pp

8003120452 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003280283 Ack receipt of 800220 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 50-412/79-09  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/03/04 1p

--8003280290 Responds to NRC 800116 ltr re violation noted in IE Insp Rept 50-412/79-09 Corrective actions all Category I cable tray drawings reviewed for conformance to separation criteria  
WOOLEVER, E J Duquesne Light Co 80/02/20 1p

--8003280296 Forwards IE Insp Rept 50-412/79-09 on 791210-13 & notice of violation  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/16 2pp

--8003280301 Notice of violation from insp on 791210-13  
\* Region 1, Philadelphia, Office of the Director 80/01/15 1p

--8003280312 IE Insp Rept 50-412/79-09 on 791210-13 Noncompliance noted failure of drawings to maintain required vertical separation between cable trays of redundant color groups  
MCGAUGHY, R W, NARROW, L, WALTER, D A Region 1, Philadelphia, Office of the Director 80/01/15 10pp

8003190247 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260243 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260389 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260125 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250275 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260025 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs &amp; related correspondence

8003170450 Forwards interim significant deficiency rept re inadequate QC by vendor of galvanized cable trays Final rept will be submitted on 800328  
WOOLEVER, E J Duquesne Light Co 80/03/10 1p

--8003170455 Interim Significant Deficiency Rept 80-01 TJ Cope QC insp program of galvanized cable trays, failed to check for burrs on cable tray rungs Caused by failure to adequately inspect & correct tray after galvanizing  
\* Duquesne Light Co 80/03/10 1p

## DOCKET 50-413 CATAWBA NUCLEAR STATION, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003280527 Submits update to 791213 ltr re status of investigations into Framatome reactor vessel nozzle cracking Results indicate reactor vessel nozzles are not susceptible to cracking  
ANDERSON, T M Westinghouse Electric Corp 80/01/31 2pp

# DOCKETED ITEMS

249

## G Inspection reports, IE Bulletins & correspondence

8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190095 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003240102 Responds to IE Bulletin 79-28 Review revealed that 64 NAMCO Model EA180 limit switches used in safety-related equipment may be of production lot specified in bulletin  
Corrective actions will be completed by 800701  
PARKER, W O Duke Power Co 80/02/04 1p

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 2pp

8003180046 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003210283 Ack receipt of IE Insp Repts 50-413/80-01 & 50-414/80-01, on 800123-25 No proprietary info  
PARKER, W O Duke Power Co 80/02/22 1p

--8003210256 Forwards IE Insp Repts 50-413/80-01 & 50-414/80-01 on 800123-25 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003210261 IE Insp Repts 50-413/80-01 & 50-414/80-01 on 800123-25 No noncompliance noted Major areas inspected structural concrete & nuclear svc water dam  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARRIS, J R Region 2, Atlanta, Office of the Director 80/02/04 4pp

8003250362 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-413/79-23 & 50-414/79-23  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 1p

--8003250375 Responds to NRC 80118 ltr re violations noted in IE Insp Repts 50-413/79-23 & 50-414/79-23 Corrective actions procedures to provide instruction for matl handling & protection have been implemented  
PARKER, W O Duke Power Co 80/02/11 2pp

--8003250379 Forwards IE Insp Repts 50-413/79-23 & 50-414/79-23 on 791217-19 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/18 2pp

--8003250383 Notice of violation from insp on 791217-19  
\* Region 2, Atlanta, Office of the Director 80/01/17 1p

--8003250388 IE Insp Repts 50-413/79-23 & 50-414/79-23 on 791217-19 Noncompliance noted failure to establish adequate measures for handling & storage of equipment & matls  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch KLEINSORGE, W P Region 2, Atlanta, Office of the Director 80/01/17 4pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director, 80/02/29 2pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260209 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250561 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## S Reportable occurrences, LERs & related correspondence

8003040/07 Part 21 rept on 800131, util telephoned rept to Region 2 of potential problem in safety-related overcurrent relays  
Component, sodium-cooled reactor, within overcurrent relay failed, causing circuit breaker to open  
DUVAL, D D Gould-Brown Boveri 80/02/11 2pp

8003240069 Confirms 800207 telcon re failure of valves Forwards Part 21 rept  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

--8003240078 Part 21 rept on 800116, motor operated gate valve installed in test loop failed to close completely when actuated under operating conditions Caused by inadequate guiding of valve  
gate Gate guides were modified & retested  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

8003110561 Forwards interim deficiency rept re solid state protective relays & trip devices not meeting characteristic specs  
PARKER, W O Duke Power Co 80/02/29 1p

--8003110564 Interim deficiency rept re solid state protective relays & trip devices not meeting characteristic specs Caused by copper migration within SCRs SCRs returned to manufacturer to determine if deficiency confined to batch  
\* Duke Power Co 80/02/29 2pp

8003240519 Forwards Significant Deficiency Rept 413-414/80-02 re three relays & trip devices not meeting relay time-current characteristic specs for application  
PARKER, W O Duke Power Co 80/02/29 1p

--8003240527 Significant Deficiency Rept 413-414/80-02 re three relays & trip devices not meeting relay time-current characteristic specs for application Caused by "copper migration" within Motorola SCRs Relays & trip devices will be changed  
\* Duke Power Co 80/02/29 2pp

8003110340 Update to Deficiency Rept 80/413-414/79-1 re defective welds in Unit 1 main control boards Eight control panels previously not inspected found to be acceptable w/no repairs required  
PARKER, W O Duke Power Co 80/03/03 1p

8003120603 Forwards significant deficiency rept re diesel generator heat exchanger incorrect segmental baffling  
PARKER, W O Duke Power Co 80/03/07 1p

--8003120608 Significant deficiency rept re discovery of diesel generator heat exchanger incorrect segmental baffling on engineering drawing Cause not stated Heat exchangers shipped to manufacturer for baffle replacement  
\* Duke Power Co 80/03/07 1p

## DOCKETED ITEMS

8003210509 Advises that rept re 800214 containment equipment hatch const deficiency will be forwarded by 800404  
PARKER, W D Duke Power Co 80/03/14 1p

## DOCKET 50-414 CATAWBA NUCLEAR STATION, UNIT 2

Q Inspection reports, IE Bulletins & correspondence

8003170031 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190095 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120021 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003240102 Responds to IE Bulletin 79-28 Review revealed that 64 NAMCO Model FA160 limit switches used in safety-related equipment may be of production lot specified in bulletin  
Corrective actions will be completed by 800701  
PARKER, W D Duke Power Co 80/02/04 1p

8003180127 Forwards IE Bulletin 80-03, "Loss of Charcoal From Btd Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180046 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190405 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003210253 Ack receipt of IE Insp Repts 50-413/80-01 & 50-414/80-01, on 800123-25 No proprietary info  
PARKER, W D Duke Power Co 80/02/22 1p

--8003210256 Forwards IE Insp Repts 50-413/80-01 & 50-414/80-01 on 800123-25 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003210261 IE Insp Repts 50-413/80-01 & 50-414/80-01 on 800123-25 No noncompliance noted Major areas inspected structural concrete & nuclear svc water dam  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HARRIS, J R Region 2, Atlanta, Office of the Director 80/02/04 4pp

8003250362 Ack receipt of 800211 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-413/79-23 & 50-414/79-23  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 1p

--8003250375 Responds to NRC 80118 ltr re violations noted in IE Insp Repts 50-413/79-23 & 50-414/79-23 Corrective actions procedures to provide instruction for matl handling & protection have been implemented  
PARKER, W D Duke Power Co 80/02/11 2pp

--8003250379 Forwards IE Insp Repts 50-413/79-23 & 50-414/79-23 on 791217-19 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/18 2pp

--8003250383 Notice of violation from Insp on 791217-19  
\* Region 2, Atlanta, Office of the Director 80/01/17 1p

--8003250388 IE Insp Repts 50-413/79-23 & 50-414/79-23 on 791217-19 Noncompliance noted failure to establish adequate measures for handling & storage of equipment & matls  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch KLEINSORGE, W P Region 2, Atlanta, Office of the Director 80/01/17 6pp

8003180322 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140414 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180133 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270029 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260209 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250561 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260166 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## S Reportable occurrences, LERs &amp; related correspondence

8003040/07 Part 2) rept on 800131, until telephoned rept to Region 2 of potential problem in safety-related overcurrent relays Component, sodium-cooled reactor, within overcurrent relay failed, causing circuit breaker to open  
DUVALL, D D Gould-Brown Boveri 80/02/11 2pp

8003110561 Forwards interim deficiency rept re solid state protective relays & trip devices not meeting characteristic specs  
PARKER, W D Duke Power Co 80/02/29 1p

--8003110564 Interim deficiency rept re solid state protective relays & trip devices not meeting characteristic specs Caused by copper migration within SCRs SCRs returned to manufacturer to determine if deficiency confined to batch  
\* Duke Power Co 80/02/29 2pp

8003240519 Forwards Significant Deficiency Rept 413-414/80-02 re three relays & trip devices not meeting relay time-current characteristic specs for application  
PARKER, W D Duke Power Co 80/02/29 1p

--8003240527 Significant Deficiency Rept 413-414/80-02 re three relays & trip devices not meeting relay time-current characteristic specs for application Caused by "copper migration" within Motorola SCRs Relays & trip devices will be changed  
\* Duke Power Co 80/02/29 2pp

8003110340 Update to Deficiency Rept 80/413 414/79-1 re defective units in Unit 1 main control boards Eight control panels previously not inspected found to be acceptable w/no repairs required  
PARKER, W D Duke Power Co 80/03/03 1p

8003120603 Forwards significant deficiency rept re diesel generator heat exchanger incorrect segmental baffling  
PARKER, W D Duke Power Co 80/03/07 1p

--8003120608 Significant deficiency rept re discovery of diesel generator heat exchanger incorrect segmental baffling on engineering drawing Cause not stated Heat exchangers shipped to manufacturer for baffle replacement  
\* Duke Power Co 80/03/07 1p

8003210509 Advises that rept re 800214 containment equipment hatch const deficiency will be forwarded by 800404  
PARKER, W D Duke Power Co 80/03/14 1p

# DOCKETED ITEMS

251

DOCKET 50-416 GRAND GULF NUCLEAR STATION, UNIT 1

A Application/construction stage documents & correspondence

8003170030 Provides MS Bureau of Pollution Control w/comments on draft NPDES permit for facility  
BALLARD, R L Environmental Projects Branch 1 79/12/18 3pp

8003190904 Requests remittance of fees for proposed amend to CPPR-11B & CPPR-117 re deleting stage monitoring requirement contained in environ protection program  
DIGGS, R M License Fee Management Branch 80/02/13 1p

800304010B Advises of confirmatory piping analysis by PNHL Requests info re safety relief valve Discharge Line 16 for analysis of upset condition  
BAER, R L Light Water Reactors Branch 2 80/02/14 3pp

8003120594 Forwards final potential deficiency rept re Type L2 auxiliary assemblies installed in switchgear & 480V load ctrs mfg by Gould-Brown Boveri  
DALE, L F Mississippi Power & Light Co 80/02/28 1p

--8003120599 Potential deficiency rept re cracked L2 auxiliary switch assemblies in switchgear & 480V load ctrs mfg by Gould-Brown Boveri Determined not reportable per 10CFR50.55(a) Auxiliary switches inspected for cracks before assembly  
\* Mississippi Power & Light Co 80/02/28 1p

8003180432 Notifies of actions taken to respond to NRC review of TMI-2 accident endorsed BWR owners group responses, emergency plan & training program underway & preparing suppl to NEDG-24708  
STAMPLEY, N L Mississippi Power & Light Co 80/03/11 7pp

8003250021 Notification of 800317-21 meeting w/Bechtel Power Corp & in ID Natl Engineering Lab in Gaithersburg, MD to conduct structural engineering audit of station  
HOUGHTON, T C Light Water Reactors Branch 2 80/03/11 2pp

F Security, medical, emergency & fire protection plans

8003250020 Notification of 800414-16 meeting w/util, Bechtel Power Corp & Gage Babcock in Port Gibson, MS to review facility fire protection  
HOUGHTON, T C Light Water Reactors Branch 2 80/03/11 2pp

K Utility Final Safety Analysis Report (FSAR) & amends

8003310314 Forwards Amend 37 to application for OL, in-plant safety relief valve test plan & Amend 37 to FSAR  
STAMPLEY, N L Mississippi Power & Light Co 80/03/28 1p

--8003310319 Amend 37 to application for OL answering questions re FSAR Revised piping & instrumentation drawings encl  
STAMPLEY, N L Mississippi Power & Light Co 80/03/21 2pp

--8003310322 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/21 1p

--8003310326 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/10/29 1p

--8003310332 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/11/09 1p

--8003310336 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 80/01/22 1p

--8003310340 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/10 1p

--8003310347 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 80/02/11 1p

--8003310353 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/04 1p

--8003310360 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/11/13 1p

--8003310365 "Piping & Instrumentation Diagram Component Cooling Water Sys "  
\* Bechtel Corp 9645, 80/01/25, 1p.

--8003310367 Amend 37 to FSAR  
\* Mississippi Power & Light Co 80/03/31 225pp

--8003310374 In-plant safety relief valve test plan  
\* Nuclear Technology, Inc (Nutech) 80/01/31 100pp

M Antitrust correspondence

8003170446 Discusses issue of util compliance w/conditions of CPs Util notified both Clarksdale & Greenwood on 800311 that power would be transmitted Believes antitrust hearing unnecessary  
CONNER, T B Conner, Moore & Corber 80/03/12 27pp

Q Inspection reports, IE Bulletins & correspondence

8003170044 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003120033 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003190368 Forwards IE Insp Repts 50-416/80-04 & 50-417/80-04 on 800116-18 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190374 IE Insp Rept 50-416/80-04 & 50-417/80-04 on 800116-18 No noncompliance noted Major areas inspected action on previously identified items, const & warehouse surveillance  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch WJLCOX, J D Region 2, Atlanta, Office of the Director 80/02/04 4pp

8003260015 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003260271 Responds to IE Bulletin 79-28 Switches have no adverse effects on plant safety  
DALE, L F Mississippi Power & Light Co 80/02/06 1p

8003180076 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190436 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003200599 Ack receipt of 800124 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 50-416/79-32  
LONG, F J Region 2, Atlanta, Office of the Director 80/02/11 1p

--8003200605 Responds to NRC 791231 ltr re violations noted in IE Insp Rept 50-416/79-32 Corrective actions statement of company policy on housekeeping issued  
MCGAUGHY, J P Mississippi Power & Light Co 80/01/24 4pp

--8003200611 Forwards IE Insp Rept 50-416/79-32 on 791210-14 & notice of violation  
O'REILLY, J P Region 2, Atlanta, Office of the Director 79/12/31 2pp

--8003200613 Notice of violation from insp on 791210-14  
\* Region 2, Atlanta, Office of the Director 79/12/31 1p

--8003200616 IE Insp Rept 50-416/79-32 on 791210-14 Noncompliance noted failure to have adequate GA program for plant housekeeping  
KELLOOG, P J Region 2, Atlanta, Reactor Operations Nuclear Support Branch WAGNER, A G Region 2, Atlanta, Office of the Director 79/12/31 4pp

8003060713 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-416/79-34 & 50-417/79-30  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p

## DOCKETED ITEMS

- 8003060722 Responds to NRC 800110 ltr re violations noted in IE Insp Repts 50-416/79-34 & 50-417/79-30 Corrective actions initiating review of other selected radiographs from NSSS supplier Response scheduled 800405  
MCGOUGH, J P Mississippi Power & Light Co 80/02/05 2pp
- 8003060728 Forwards IE Insp Repts 50-416/79-34 & 50-417/79-30 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp
- 8003060734 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/09 1p
- 8003060744 IE Insp Repts 50-416/79-34 & 50-417/79-30 on 791211-14 Noncompliance noted radiographs for welds A & B of main steam sys spool Q1821-G001-G003-C-1 had flash-card type film preventing proper evaluation of area  
VAN DOORN, P V, HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/09 5pp
- 8003140050 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/27 1p
- 8003180185 Forwards supplemental info to IE Bulletin 79-018, "Environment Qualification of Class IE Equipment " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190031 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp
- 8003190810 Ack receipt of 800212 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-416/79-33 & 50-417/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/29 1p
- 8003190818 Responds to NRC 800121 ltr re violation noted in IE Insp Repts 50-416/79-33 & 50-417/79-29 Corrective actions discrepant conditions corrected instructions provided to subcontractors emphasizing adherence to cleanliness  
DALE, L F Mississippi Power & Light Co 80/02/12 2pp
- 8003190829 Forwards IE Insp Repts 50-416/79-33 & 50-417/79-29 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/21 2pp
- 8003190830 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/11 1p
- 8003190833 IE Insp Repts 50-416/79-33 & 50-417/79-29 on 791211-14 Noncompliance noted failure to maintain Zone IV cleanliness  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch, WALTERS, D K Region 2, Atlanta, Office of the Director 80/01/11 3pp
- 8003240269 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Requested actions in progress  
DALE, L F Mississippi Power & Light Co 80/03/05 1p
- 8003140395 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180085 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003180315 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp
- 8003260230 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp
- 8003250585 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p
- 8003260216 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp
- 8003250562 Forwards responses to IE Bulletin 79-08, "Events Relevant to BNRs Identified During TMI Incident " Plant unique data & addl info re NEDO-24708 requested by Bulletins & Orders Task Force also encl  
STAMPLEY, N L Mississippi Power & Light Co 80/03/19 5pp
- S Reportable occurrences, LERs & related correspondence
- 8003070099 Part 21 Rept 80-198-000 two linear indications on outside surface of fitting of steam drain line in control rod drive sys discovered Welds will be removed and defective fittings replaced  
CRUM, R K Reactor Controls, Inc 80/02/21 1p
- 8003030555 Advises of continuing Bechtel & GE investigations re reportability of GE handswitch CR2940-US203E failure  
Determination of reportability will be provided by 800405  
DALE, L F Mississippi Power & Light Co 80/02/25 1p
- 8003240396 Discusses failure of handswitch CR2940-US203E supplied by GE Switch failed to spring return to neutral position during testing Investigations being coordinated w/Bechtel & GE  
Reportability will be provided by 800415  
DALE, L F Mississippi Power & Light Co 80/02/25 1p
- 8003070368 Final deficiency rept re incorrect welds on heating, ventilation & air conditioning longitudinal seams on round safety-related ductwork Determined that use of lap welded duct will not adversely affect safety of plant operations  
DALE, L F Mississippi Power & Light Co 80/02/29 2pp
- 8003070370 Interim deficiency rept re failure to provide qualified instrumentation in safety-related sys Vendor evaluating instrumentation to determine corrective actions necessary to meet design requirements  
DALE, L F Mississippi Power & Light Co 80/02/29 2pp
- DOCKET 50-417 GRAND OULF NUCLEAR STATION, UNIT 2
- A Application/construction stage documents & correspondence
- 8003170030 Provides MS Bureau of Pollution Control w/comments on draft NPDES permit for facility  
BALLARD, R L Environmental Projects Branch 1 79/12/18 3pp
- 8003190904 Requests remittance of fees for proposed amend to CPFR-118 & CPFR-119 re deleting stage monitoring requirement contained in environ protection program  
DIOGS, R M License Fee Management Branch 80/02/13 1p
- 8003040108 Advises of confirmatory piping analysis by PNWL Requests info re safety relief valve Discharge line 16 for analysis of upset condition  
BAER, R L Light Water Reactors Branch 2 80/02/14 3pp
- 8003120594 Forwards final potential deficiency rept re Type L2 auxiliary assemblies installed in switchgear & 480V load ctrs mfg by Gould-Brown Boveri  
DALE, L F Mississippi Power & Light Co 80/02/28 1p
- 8003120599 Potential deficiency rept re cracked L2 auxiliary switch assemblies in switchgear & 480V load ctrs mfg by Gould-Brown Boveri Determined not reportable per 10CFR50.55(a) Auxiliary switches inspected for cracks before assembly  
\* Mississippi Power & Light Co 80/02/28 1p
- 8003180432 Notifies of actions taken to respond to NRC review of TMI-2 accident endorsed BWR owners group responses, emergency plan & training program underway & preparing suppl to NEDO-24708  
STAMPLEY, N L Mississippi Power & Light Co 80/03/11 7pp
- 8003250021 Notification of 800317-21 meeting w/Bechtel Power Corp & in ID Natl Engineering Lab in Gaithersburg, MD to conduct structural engineering audit of station  
HOUGHTON, T C Light Water Reactors Branch 2 80/03/11 2pp

# DOCKETED ITEMS

253

## F Security, medical, emergency & fire protection plans

8003250020 Notification of 800414-16 meeting w/Util, Bechtel Power Corp & Gage Babcock in Port Gibson, MS to review facility fire protection  
HOUGHTON, T C Light Water Reactors Branch 2 80/03/11 2pp

## K Utility Final Safety Analysis Report (FSAR) & amends

8003310314 Forwards Amend 37 to application for OL in-plant safety relief valve test plan & Amend 37 to FSAR  
STAMPLEY, N L Mississippi Power & Light Co 80/03/28 1p

--8003310319 Amend 37 to application for OL answering questions re FSAR Revised piping & instrumentation drawings encl  
STAMPLEY, N L Mississippi Power & Light Co 80/03/28 2pp

--8003310322 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/21 1p

--8003310326 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/10/29 1p

--8003310332 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/11/09 1p

--8003310336 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 80/01/22 1p

--8003310340 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/10 1p

--8003310353 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/09/04 1p

--8003310360 "Piping & Instrumentation Diagram Fire Protection Sys "  
\* Bechtel Corp 9645 79/11/13 1p

--8003310365 "Piping & Instrumentation Diagram Component Cooling Water Sys "  
\* Bechtel Corp 9645 80/01/25 1p

--8003310367 Amend 37 to FSAR  
\* Mississippi Power & Light Co 80/03/31 225pp

--8003310374 In-plant safety relief valve test plan  
\* Nuclear Technology, Inc (Nutech) 80/01/31 100pp

## M Antitrust correspondence

8003170446 Discusses issue of util compliance w/conditions of CPs Util notified both Clarksdale & Greenwood on 800311 that power would be transmitted Believes antitrust hearing unnecessary  
CONNER, T B Conner, Moore & Corber 80/03/12 27pp

## Q Inspection reports, IE Bulletins & correspondence

8003170044 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003120033 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003170368 Forwards IE Insp Repts 50-416/80-04 & 50-417/80-04 on 800116-18 No noncompliance noted Major areas inspected action on previously identified items, const & warehouse surveillance  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190374 IE Insp Rept 50-416/80-04 & 50-417/80-04 on 800116-18 No noncompliance noted Major areas inspected action on previously identified items, const & warehouse surveillance  
HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch WILCOX, J D Region 2, Atlanta, Office of the Director 80/02/04 4pp

8003260015 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003260271 Responds to IE Bulletin 79-28 Switches have no adverse effects on plant safety  
DALE, L F Mississippi Power & Light Co 80/02/06 1p

8003180076 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190436 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

80033060713 Ack receipt of 800205 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-416/79-34 & 50-417/79-30  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p

--80033060722 Responds to NRC 800110 ltr re violations noted in IE Insp Repts 50-416/79-34 & 50-417/79-30 Corrective actions initiating review of other selected radiographs from NSRG supplier Response scheduled 800405  
MCGAUGHY, J P Mississippi Power & Light Co 80/02/05 2pp

--80033060728 Forwards IE Insp Repts 50-416/79-34 & 50-417/79-30 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp

--80033060734 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/09 1p

--80033060744 IE Insp Repts 50-416/79-34 & 50-417/79-30 on 791211-14 Noncompliance noted radiographs for welds A & B of main steam sys spool 61H21-G001-G003-C-1 had flash-card type film preventing proper evaluation or area  
VAN BORDEN, P K, HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/09 9pp

8003190031 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003190810 Ack receipt of 800212 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-416/79-33 & 50-417/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/29 1p

--8003190818 Responds to NRC 800121 ltr re violation noted in IE Insp Repts 50-416/79-33 & 50-417/79-29 Corrective actions discrepant conditions corrected Instructions provided to subcontractors emphasizing adherence to cleanliness  
DALE, L F Mississippi Power & Light Co 80/02/12 2pp

--8003190823 Forwards IE Insp Repts 50-416/79-33 & 50-417/79-29 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/21 2pp

--8003190830 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/11 1p

--8003190833 IE Insp Repts 50-416/79-33 & 50-417/79-29 on 791211-14 Noncompliance noted failure to maintain Zone IV cleanliness  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch WALTERS, D K Region 2, Atlanta, Office of the Director 80/01/11 3pp

8003240269 Responds to IE Bulletin 79-27, "Loss of Non-Class IE Instrumentation & Control Power Sys Bus During Operation " Requested actions in progress  
DALE, L F Mississippi Power & Light Co 80/03/05 1p

8003140395 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180315 Forwards IE Info Notice 80-08 "States Co Blinding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp



## DOCKETED ITEMS

8003260230 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250565 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260216 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

8003250562 Forwards responses to IE Bulletin 79-08, "Events Relevant to BWRs Identified During TMI Incident " Plant unique data & add info re NEDO-24708 requested by Bulletins & Orders Task Force also encl  
STAMPLEY, N L Mississippi Power & Light Co 80/03/19 59pp

#### S Reportable occurrences, LERs & related correspondence

8003070399 Part 21 Rept 80-198-000 two linear indications on outside surface of fitting of steam drain line in control rod drive sys discovered Welds will be removed and defective fittings replaced  
CRUM, R K Reactor Controls, Inc 80/02/21 1p

8003030555 Advises of continuing Bechtel & GE investigations re reportability of GE handswitch CR2940-US203E failure  
Determination of reportability will be provided by 800405  
DALE, L F Mississippi Power & Light Co 80/02/25 1p

8003240396 Discusses failure of handswitch CR2940-US203E supplied by GE Switch failed to spring return to neutral position during testing Investigations being coordinated w/Bechtel & GE  
Reportability will be provided by 800415  
DALE, L F Mississippi Power & Light Co 80/02/25 1p

8003070368 Final deficiency rept re incorrect welds on heating, ventilation & air conditioning longitudinal seams on round safety-related ductwork Determined that use of lap welded duct will not adversely affect safety of plant operations  
DALE, L F Mississippi Power & Light Co 80/02/29 2pp

8003070370 Interim deficiency rept re failure to provide qualified instrumentation in safety-related sys Vendor evaluating instrumentation to determine corrective actions necessary to meet design requirements  
DALE, L F Mississippi Power & Light Co 80/02/29 2pp

#### DOCKET 50-423 MILLSTONE NUCLEAR POWER STATION, UNIT 3

##### A Application/construction stage documents & correspondence

8003070204 Comments on proposed rules 10CFR30.40, 50 & 70: draft "Accounting Alternatives for Nuclear Decommissions."  
\* Northeast Utilities Service Co 79/04/30 31pp

##### J Insurance & indemnity information

8003190512 Forwards Endorsements 63 & 64 to NELA Policy NF-173  
IFFLAND, R R Northeast Utilities 80/03/14 3pp

##### P Operating license stage documents & correspondence

8003110418 Submits comments on "Criteria for Util Mgt & Technical Competence," re recommendations of post-TMI accident investigative groups NRC should define broad criteria & organizational structure to allow adequate license latitude  
COUNBIL, W G Northeast Utilities 80/03/01 7pp

##### Q Inspection reports, IE Bulletins & correspondence

8003060670 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

8003050648 Forwards IE Insp Rept 50-423/79-11 on 791121 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/28 2pp

--8003050652 IE Insp Rept 50-423/79-11 on 791121 No noncompliance noted  
Major areas inspected quality verification records for Followup of NRC bulletins & circulars  
CERNE, A C Region 1, Philadelphia, Office of the Director  
MCGOUGH, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/26 4pp

8003060329 Forwards IE Insp Rept 50-423/79-10 on 791030-1102 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/28 2pp

--8003060338 IE Insp Rept 50-423/79-10 on 791030-1102 No noncompliance noted  
Major areas inspected concrete work activities for containment & engineering safety features bldgs & excavation for circulating & svc water pumphouse  
VARELA, A A Region 1, Philadelphia, Office of the Director  
EBNETER, S D Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 79/12/12 8pp

8003190905 Forwards IE Insp Rept 50-423/79-12 on 791227-28 No noncompliance noted  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003190909 IE Insp Rept 50-423/79-12 on 791227-28 No noncompliance noted  
Major areas inspected containment & fuel pool liner erection activities & other specific const concerns  
Discussed w/licensee status of all currently open items.  
CERNE, A C, BATEMAN, W H Region 1, Philadelphia, Office of the Director  
MCGOUGH, R W Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/21 4pp

8003140084 Responds to IE Bulletin 79-28 Plans exist to install NAMCO Model EA180 stem mounted limit switches Vendor for electric, electro-hydraulic & air operated control valves is correcting switches  
COUNBIL, W G Northeast Utilities 80/02/07 1p

8003120530 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190263 Forwards IF Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260317 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260433 Forwards IF Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260232 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

8003250334 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p.

8003260042 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-424 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003240201 Notifies that Code Case N-242 may be applied in const of components, if components & supports requiring use of Paragraphs 1-4 of code case are identified in PSAR  
RUBENSTEIN, L. S. Light Water Reactors Branch 4 80/03/13 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003310014 Ack receipt of 79122/ ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-424/79-17 & 50-425/79-17  
BRYANT, J. C. Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/16 1p

--8003310018 Responds to NRC 79121 ltr re violation noted in IE Insp Repts 50-424/79-17 & 50-425/79-17 Corrective actions increased emphasis of written & oral communication re backfill given to all appropriate personnel  
DUTTON, D. Georgia Power Co 79/12/27 2pp

--8003310020 Forwards IE Insp Repts 50-424/79-17 & 50-425/79-17 on 791114-16 & 20-21 & notice of violation  
MURPHY, C. E. Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/11 2pp

--8003310023 Notice of violation from insp on 791114-16 & 20-21  
\* Region 2, Atlanta, Office of the Director 79/12/11 1p

--8003310026 IE Insp Repts 50-424/79-17 & 50-425/79-17 on 791114-16 & 20-21 Noncompliance noted failure to rept deficiency in backfill  
CONLON, T. E. Region 2, Atlanta, Reactor Construction & Engineering Support Branch HUNT, M. D., HARRIS, J. R. Region 2, Atlanta, Office of the Director 79/12/11 3pp

8003170040 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190113 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120032 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180063 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190430 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/02/08 1p

8003210062 Supplements response to IE Bulletin 79-28 Valves onsite w/NAHCO EA180 position switches w/code dates within range Valves placed on hold until replacement parts are installed  
DUTTON, D. Georgia Power Co 80/02/27 2pp

8003190025 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140407 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180310 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270026 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/10 1p

8003310364 Ack receipt of IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No proprietary info  
DUTTON, D. Georgia Power Co 80/03/11 1p

--8003310369 Forwards IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No noncompliance noted  
BRYANT, J. C. Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/22 2pp

--8003310376 IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No noncompliance noted Major areas inspected structural concrete, structural backfill & previously identified items  
HARRIS, J. R. Region 2, Atlanta, Office of the Director CARLON, J. E. Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 3pp

8003260228 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250570 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260177 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J. P. Region 2, Atlanta, Office of the Director 80/03/14 2pp

## S Reportable occurrences, LERs &amp; related correspondence

8003240439 Deficiency rept re pipe support designs released for const for 3760 supports exceeding allowable embed loads No pipe supports presently installed Installation suspended until design adequacy & mods resolved  
DUTTON, D. Georgia Power Co 80/03/03 2pp

8003050436 Forwards deficiency rept re voids in concrete placements on interior walls of auxiliary bldg  
DUTTON, D. Georgia Power Co 80/03/05 2pp

--8003050440 Deficiency rept re voids in concrete placements on interior walls Util will install one-ft high panels covering length of walls Tremie placement preplanned to allow better concrete consolidation  
\* Georgia Power Co 80/03/05 3pp

8003060472 Interim potential deficiency rept re embed plate load capacity tables Some pipe support designs exceeded allowable embed loads due to lateral loads No supports installed Final rept will be submitted by 800516  
DUTTON, D. Georgia Power Co 80/03/06 2pp

## DOCKET 50-425 ALVIN W. VOGTLE NUCLEAR PLANT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003240201 Notifies that Code Case N-242 may be applied in const of components, if components & supports requiring use of Paragraphs 1-4 of code case are identified in PSAR  
RUBENSTEIN, L. S. Light Water Reactors Branch 4 80/03/13 2pp

## Q Inspection reports, IF Bulletins &amp; correspondence

8003310014 Ack receipt of 79122/ ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-424/79-17 & 50-425/79-17  
BRYANT, J. C. Region 2, Atlanta, Reactor Operations Nuclear Support Branch 80/01/16 1p

--8003310018 Responds to NRC 79121 ltr re violation noted in IE Insp Repts 50-424/79-17 & 50-425/79-17 Corrective actions increased emphasis of written & oral communication re backfill given to all appropriate personnel  
DUTTON, D. Georgia Power Co 79/12/27 2pp

## DOCKETED ITEMS

--8003310020 Forwards IE Insp Repts 50-424/79-17 & 50-425/79-17 on 791114-16 & 20-21 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/11 2pp

--8003310023 Notice of violation from insp on 791114-16 & 20-21  
\* Region 2, Atlanta, Office of the Director 79/12/11 1p

--8003310026 IE Insp Repts 50-424/79-17 & 50-425/79-17 on 791114-16 & 20-21 Noncompliance noted failure to rept deficiency in backfill  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch HUNT, M D, HARRIS, J R Region 2, Atlanta, Office of the Director 79/12/11 5pp

8003170040 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190113 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003120032 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003180063 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190430 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003210062 Supplements response to IE Bulletin 79-28 Valves onsite w/NAHCO EA180 position switches w/code dates within range  
Valves placed on hold until replacement parts are installed  
DUTTON, D Georgia Power Co 80/02/27 2pp

8003190025 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140407 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180310 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270026 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003310364 Ack receipt of IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No proprietary info  
DUTTON, D Georgia Power Co 80/03/11 1p

--8003310369 Forwards IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/22 2pp

--8003310376 IE Insp Repts 50-424/80-03 & 50-425/80-03 on 800205-08 No noncompliance noted Major areas inspected structural concrete, structural backfill & previously identified items  
HARRIS, J R Region 2, Atlanta, Office of the Director  
CARLON, J E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 3pp

8003260228 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250570 Forwards IE Info Notice 80-11, "General Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260177 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

S Reportable occurrences, IERs & related correspondence

8003240439 Deficiency rept re pipe support designs released for const for 5760 supports exceeding allowable embed loads No pipe supports presently installed Installation suspended until design adequacy & mods resolved  
DUTTON, D Georgia Power Co 80/03/03 2pp

8003050436 Forwards deficiency rept re voids in concrete placements on interior walls of auxiliary bldg  
DUTTON, D Georgia Power Co 80/03/05 2pp

--8003050440 Deficiency rept re voids in concrete placements on interior walls Util will install one-ft high panels covering length of walls Theme placement preplanned to allow better concrete consolidation  
\* Georgia Power Co 80/03/05 3pp

8003060472 Interim potential deficiency rept re embed plate load capacity tables Some pipe support designs exceeded allowable embed loads due to lateral loads No supports installed Final rept will be submitted by 800516  
DUTTON, D Georgia Power Co 80/03/06 2pp

DOCKET 50-453 UC-SANTA BARBARA RESEARCH REACTOR

Q Inspection reports, IE Bulletins & correspondence

8003170093 Forwards IE Insp Rept 50-433/79-03 on 791217-19 No noncompliance noted  
BODD, H E Region 5, San Francisco, Fuel Facility & Materials Safety Branch 80/02/01 2pp

--8003170095 IE Insp Rept 50-433/79-03 on 791217-19 No noncompliance noted Major areas inspected radiation survey of levels inside & adjacent to facility & examination of records, repts & logs  
CURTIS, J R Region 5, San Francisco, Office of the Director  
BODD, H E Region 5, San Francisco, Fuel Facility & Materials Safety Branch 80/02/01 4pp

DOCKET STN-50-437 FLOATING NUCLEAR PLANT

A Application/construction stage documents & correspondence

8003280531 Forwards response to NRC 791017 ltr requesting addl info re core thermohydraulic errors  
HAGA, P B Offshore Power Systems (subs of Westinghouse Electric Corp) 80/03/18 10pp

E NRC Safety Evaluation Report (SER), supp & correspondence

8003100041 Forwards SER for facility application for license to mfg eight floating nuclear plants  
BAER, R L Light Water Reactors Branch 2 80/02/06 5pp

--8003100046 SER for facility  
\* Office of Nuclear Reactor Regulation NUREG-0054 80/02/29 100pp Available at NTIS

8003060448 SER for plants, Suppl 3 to NUREG-75/100  
\* Office of Nuclear Reactor Regulation NUREG-0054 80/02/29 200pp Available at NTIS

# DOCKETED ITEMS

257

## G Adjudicatory correspondence

8003060050 Forwards Suppl 3 to safety evaluation containing NRC analysis of applicant proposed core ladie design Suppl 3 will serve as basis for NRC discussion of proposed core ladie at 800307 ACRS full committee meeting w/o encl BOHINKI, S M Hearing Branch 3 80/02/29 1p

8003190023 Advises that subsequent to 800306 svc of "board notification item," re Yankee Rowe turbine failure, NRC safety evaluation suppl will address relevance of failure to floating plants BOHINKI, S M Hearing Branch 3 80/03/10 1p

## G Inspection reports, IE Bulletins & correspondence

8003170069 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190147 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003110467 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

8003190466 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190062 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140396 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180317 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 1p

8003270011 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260262 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 1p

8003290519 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260151 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET 80-438 BELLEFONTE NUCLEAR PLANT, UNIT 1

## A. Application/construction stage documents & correspondence

8003080299 Forwards application for SNM license authorizing receipt, possession & storage of assembled fuel assemblies & up to 100 loose fuel rods Portions withheld (ref 10CFR2.790). MILLS, L M Tennessee Valley Authority 79/08/31 2pp.

--8003050307 Application for SNM license authorizing receipt, possession & storage of assembled fuel assemblies & up to 100 loose fuel rods Portions withheld (ref 10CFR2.790) \* Tennessee Valley Authority 79/08/31 14pp

8003310267 Forwards Revised Section 1 2 5 "Access Control" of 790831 license application containing addl info requested in 791228 telcon Rept describing access, control & security of fuel encl Encls withheld (ref 10CFR2.790) MILLS, L M Tennessee Valley Authority 80/01/08 1p

8003120461 Forwards Matl License SNM-1865 authorizing receipt, possession, insp & storage of U SER encl PAGE, R G Division of Fuel Cycle & Material Safety 80/01/30 2pp

--8003120465 SER supporting matl license for receipt, possession, insp & storage of U DELANEY, J C, CROW, W T Division of Fuel Cycle & Material Safety 80/01/30 2pp

--8003120469 Matl license SNM-1865 for TVA, authorizing receipt, possession, insp & storage of U enriched in U-235 isotope PAGE, R G Division of Fuel Cycle & Material Safety 80/01/30 2pp

8003180420 Forwards NPDES Permit AL0024635, for const discharges MILLS, L M Tennessee Valley Authority 80/03/10 1p

--8003180424 NPDES Permit AL0024635, for const discharges HARR, J W Alabama, State of 80/02/15 24pp

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## G Inspection reports, IE Bulletins & correspondence

8003190564 Forwards IE Insp Repts 50-438/79-27 & 50-439/79-27 on 791211-14 No noncompliance noted BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--8003190572 IE Insp Repts 50-438/79-27 & 50-439/79-27 on 791211-14 No noncompliance noted Major areas inspected safety-related piping welds, RCPD piping welds & safety-related structures (welding) HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/01/11 5pp

8003190575 Forwards IE Insp Repts 50-438/79-28 & 50-439/79-28 on 791217-20 No noncompliance noted BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/15 2pp

--8003190581 IE Insp Repts 50-438/79-28 & 50-439/79-28 on 791217-20 No noncompliance noted Major areas inspected installation & quality records for safety-related electrical cables, fire suppression equipment & followup on previous items CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch RUFF, A B Region 2, Atlanta, Office of the Director 80/01/14 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp.

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p.

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1977 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2 MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003310381 Forwards IE Insp Repts 50-438/80-02 & 50-439/80-02 on 800123-25. No noncompliance noted. BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp.

## DOCKETED ITEMS

--B003310387 IE Insp Repts 50-438/80-02 & 50-439/80-02 on B00123-25 No noncompliance noted Major areas inspected project organization, const status, corrective actions on LII's & handling of IE bulletins  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch WILCOX, J D, WRIGHT, R W Region 2, Atlanta, Office of the Director 80/02/05 6pp

B003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

B003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

B003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

B003120572 Responds to NRC B00211 ltr re violation noted in IE Insp Repts 50-438/80-01 & 50-439/80-01 Corrective actions training class conducted for all welding inspectors  
MILLS, L M Tennessee Valley Authority 80/03/03 2pp

B003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

B003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

B003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

B003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

B003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

B003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

#### S Reportable occurrences, LERs & related correspondence

B003240067 Confirms B00207 telcon re failure of valves Forwards Part 21 rept  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

--B003240078 Part 21 rept on B00116, motor operated gate valve installed in test loop failed to close completely when actuated under operating conditions Caused by inadequate guiding of valve gate Gate guides were modified & retested  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

B003090461 Fifth interim deficiency rept re tensile anchor capacities lower than design allowable No further progress made Next rept will be provided by B00508  
MILLS, L M Tennessee Valley Authority, 80/02/29 1p

B003180420 Forwards final deficiency rept re rust in oil reservoirs of seven out of eight essential raw cooling water pump motors  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--B003180424 Final deficiency rept re rust in oil reservoirs of seven out of eight essential raw cooling water pump motors Caused by removal of motor covers, allowing water to enter motor Motors cleaned, flushed w/oil & reinspected  
\* Tennessee Valley Authority 80/03/14 1p

B003260494 Forwards third interim deficiency rept re possibility of seismic response for primary branch lines nonconservative  
MILLS, L M Tennessee Valley Authority 80/03/18 1p

--B003260502 Third interim deficiency rept re possibility of nonconservative response for primary branch lines Cause unstated Re-analysis of util primary sys branch lines must be performed  
\* Tennessee Valley Authority 80/03/18 1p

B003260478 Third interim deficiency rept re water found in rock anchor tendon head protective grease cans Next rept will be submitted by B00924  
MILLS, L M Tennessee Valley Authority 80/03/21 1p

B003260430 Forwards final deficiency rept re Penn Ventilator Co QA program Deficiency reported previously for Sequoyah & Watts Bar nuclear facilities  
MILLS, L M Tennessee Valley Authority 80/03/21 1p

--B003260637 Final deficiency rept re Penn Ventilator Co not implementing QA Program as submitted to TVA Reviewed documentation attesting to adequacy of equipment & found to be in compliance w/specs  
\* Tennessee Valley Authority 80/03/21 1p

#### DOCKET 50-439 BELLEFONTE NUCLEAR PLANT, UNIT 2

##### A Application/construction stage documents & correspondence

B003180420 Forwards NPDES Permit AL0024635, for const discharges  
MILLS, L M Tennessee Valley Authority 80/03/10 1p

--B003180424 NPDES Permit AL0024635, for const discharges  
HARR, J W Alabama, State of 80/02/15 24pp

##### H General correspondence

B003190849 Responds to B0012, ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

##### I Inspection reports, IE Bulletins & correspondence

B003190564 Forwards IE Insp Repts 50-438/79-27 & 50-439/79-27 on 791211-14 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/14 2pp

--B003190572 IE Insp Repts 50-438/79-27 & 50-439/79-27 on 791211-14 No noncompliance noted Major areas inspected safety-related piping welds, RCPB piping welds & safety-related structures (welding)  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch BLAKE, J J Region 2, Atlanta, Office of the Director 80/01/11 5pp

B003190575 Forwards IE Insp Repts 50-438/79-28 & 50-439/79-28 on 791217-20 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/15 2pp

--B003190581 IE Insp Repts 50-438/79-28 & 50-439/79-28 on 791217-20 No noncompliance noted Major areas inspected installation & quality records for safety-related electrical cables, fire suppression equipment & followup on previous items  
CONLON, T F Region 2, Atlanta, Reactor Construction & Engineering Support Branch RUFF, A B Region 2, Atlanta, Office of the Director 80/01/14 3pp

B003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

B003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

# DOCKETED ITEMS

259

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS,L M Tennessee Valley Authority 80/02/06 2pp

8003310381 Forwards IE Insp Repts 50-438/80-02 & 50-439/80-02 on 800123-25 No noncompliance noted  
BRYANT,J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp

--8003310387 IE Insp Repts 50-438/80-02 & 50-439/80-02 on 800123-25 No noncompliance noted Major areas inspected project organization, const status, corrective actions on LII's & handling of IE bulletins  
CANTRELL,F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch WILCOX,J D., WRIGHT,R W Region 2, Atlanta, Office of the Director 80/02/05 6pp

8003180082 Forwards IF Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IF Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY,J P Region 2, Atlanta Office of the Director 80/03/14 3pp

## S Reportable occurrences, LERs & related correspondence

8003050461 Fifth interim deficiency rept re tensile anchor capacities lower than design allowables No further progress made Next rept will be provided by 800508  
MILLS,L M Tennessee Valley Authority 80/02/29 1p

8003180620 Forwards final deficiency rept re rust in oil reservoirs of seven out of eight essential raw cooling water pump motors  
MILLS,L M Tennessee Valley Authority 80/03/14 1p

--8003180624 Final deficiency rept re rust in oil reservoirs of seven out of eight essential raw cooling water pump motors Caused by removal of motor covers,allowing water to enter motor Motors cleaned,flushed w/oil & reinspected  
\* Tennessee Valley Authority 80/03/14 1p.

8003260494 Forwards third interim deficiency rept re possibility of seismic response for primary branch lines nonconservative  
MILLS,L M Tennessee Valley Authority 80/03/18 1p

--8003260502 Third interim deficiency rept re possibility of nonconservative response for primary branch lines Cause unstated Re-analysis of util primary sys branch lines must be performed  
\* Tennessee Valley Authority 80/03/18 1p

8003260478 Third interim deficiency rept re water found in rock anchor tendon head protective grease cans Next rept will be submitted by 800924  
MILLS,L M Tennessee Valley Authority 80/03/21 1p

8003260630 Forwards final deficiency rept re Penn Ventilator Co GA program Deficiency reported previously for Sequoyah & Watts Bar nuclear facilities  
MILLS,L M Tennessee Valley Authority 80/03/21 1p

--8003260637 Final deficiency rept re Penn Ventilator Co not implementing GA Program as submitted to TVA Reviewed documentation attesting to adequacy of equipment & found to be in compliance w/specs  
\* Tennessee Valley Authority 80/03/21 1p

## DOCKET 80-440 PERRY NUCLEAR POWER PLANT, UNIT 1

### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH,disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON,H R Office of Nuclear Reactor Regulation 80/02/19 13pp

### M Antitrust correspondence

8003070329 Advises that petitions for ALAB-560 review are deemed denied due to elapse of time for Commission to act on matter  
CHILK,S J Office of the Secretary of the Commission 80/03/04 1p

### G Inspection reports, IE Bulletins & correspondence

8003120132 Forwards IE Circular 80-02, 'Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/01 1p

8003140209 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type 11,Two-Inch,Tray Adsorber Cells " Action required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/06 1p

8003110112 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/08 1p

8003190329 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/08 1p

8003110173 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/14 1p

8003120345 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/02/29 1p

8003260050 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003260472 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER,J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003260296 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p

8003250380 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260254 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

#### 8 Reportable occurrences, LERs & related correspondence

8003110249 Ack receipt of 800130 final deficiency rept re natural gas pipeline break analysis Matter referred to IE for review  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/20 1p

8003050543 Forwards final deficiency rept re omission of Class B fill waterstops  
DAVIDSON, D R Cleveland Electric Illuminating Co 80/02/29 1p

--8003050547 Final deficiency rept re omission of Class B fill waterstops Omitted waterstops will be installed as separate areas become available for excavation  
\* Cleveland Electric Illuminating Co 80/02/29 3pp

#### DOCKET 50-441 PERRY NUCLEAR POWER PLANT, UNIT 2

##### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

##### M Antitrust correspondence

8003070329 Advises that petitions for ALAB-560 review are deemed denied due to elapse of time for Commission to act on matter  
CHILK, B J Office of the Secretary of the Commission 80/03/04  
1p

##### Q Inspection reports, IE Bulletins & correspondence

8003120132 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003140209 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type #1, Two-Inch Tray Adsorber Cells." Action required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06  
1p

8003110112 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003190329 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003110173 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." No written response required.  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14  
1p

8003120345 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29.  
1p.

8003260050 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits." No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260472 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation." No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260296 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p.

8003250380 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260254 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

#### 8 Reportable occurrences, LERs & related correspondence

8003110249 Ack receipt of 800130 final deficiency rept re natural gas pipeline break analysis Matter referred to IE for review  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/20 1p

8003050543 Forwards final deficiency rept re omission of Class B fill waterstops  
DAVIDSON, D R Cleveland Electric Illuminating Co 80/02/29 1p

--8003050547 Final deficiency rept re omission of Class B fill waterstops Omitted waterstops will be installed as separate areas become available for excavation  
\* Cleveland Electric Illuminating Co 80/02/29 3pp

#### DOCKET 50-443 SEABROOK NUCLEAR STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003140453 FOIA request for info re Clamshell Alliance & organizations or individuals opposed to nuclear power  
READ, R P New Hampshire Research Project 80/01/30 3pp

8003200228 Forwards Suppl 4 to Amend 40 of DL application for partial transfer of CPs includes supporting financial info  
RITTSBERG, J A Ropes & Gray 80/03/19 1p

--8003200232 Requests approval of encl Suppl 4 to Amend 40 of DL application for partial transfer of CPs  
MERRILL, D N Public Service Co of New Hampshire 80/03/14 7pp

--8003200238 Suppl 4 Amend 40 of DL application for partial transfer of CPs includes Amend 39 & 40, filed 780501 & 790514, respectively  
\* Public Service Co of New Hampshire 80/03/14 9pp

--8003200244 Annual Financial Rept 1978  
\* Fitchburg Gas & Electric Light Co 78/12/31 400pp

##### G Adjudicatory correspondence

8003040585 Forwards PC Rogers 790922 ltr to President Carter opposing const of facility due to location on Boston-Ottawa earth fault, Requests comment White House 791002 memo forwarding ltr to DOE encl  
RATHKOPF, C L Energy, Dept of 80/01/22 4pp

8003240401 Denies request made on behalf of Seacoast Anti-Pollution League for issuance of order to show cause why CPs should not be suspended or revoked Basis for denial discussed in encl Director's decision under 10CFR2 206  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 5pp

8003070020 Order granting extension until 800328 for Commission to elect whether to review ALAB-422 & ALAB-561.  
CHILK, B J Office of the Secretary of the Commission. 80/02/28  
1p

# DOCKETED ITEMS

261

8003040670 Forwards EPA 520/1-78-016 & Rogovin rept, in response to 800215 ltr addressed to L Brenner who no longer works w/NRC Rept re alleged use of drugs by workers, being prepared W/c encl  
REIS, E J Hearing Branch 3 80/03/03 1p

8003070019 Order granting extension until 800328 for Commission to review director's 800211 decision under 10CFR2 206 re denial of emergency planning & Class 9 accidents petition  
CHILK, S J Office of the Secretary of the Commission 80/03/03 1p

8003200458 Advises of Commission final decision not to review sua sponte 791116 denial of request for order to show cause why CPs should not be revoked or suspended due to lack of util financial qualifications  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/05 4pp

--8003200467 Advises that Commission has agreed that supervening events have raised questions which should be addressed by NRC before making decision on whether to review director's denial under 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 79/12/27 1p

--8003200475 Informs of NRC assessment of util 791113 statements to NH Public Utilis Commission Util is capable of financing facility Different or modified result not appropriate in directors 791116 10CFR2 206 denial  
DENTON, H R Office of Nuclear Reactor Regulation. SECY-A-79-D91A 80/01/18 25pp

--8003200482 Advises of Commission decision not to exercise authority to review sua sponte Director or Nuclear Reactor Regulation denial of petitions re financial qualifications of licensee  
CHILK, S J Office of the Secretary of the Commission 80/02/06 1p

## H General correspondence

8003060022 Ack receipt of 800121 ltr re activation of resident inspector program Requests that ofc space be made available for resident inspector by 800415  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/13 1p

--8003060023 Notifies that space has been allocated to accommodate resident inspector & staff per requirements of NRC 791128 ltr  
DEVINCENTIS, J Public Service Co of New Hampshire 80/01/21 1p

8003070308 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/23 2pp

8003070311 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/23 2pp

8003070313 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/23 2pp

8003070320 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/23 2pp

8003070321 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/23 2pp

8003120388 Provides update on legal actions taken to revoke facility CP & reasons NRC denied motions  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

8003120455 Provides update on legal actions taken to revoke facility CP & reasons NRC denied motions  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

8003190835 Forwards NRC 800211 ltr to RA Backus, Director's decision & FR notice in response to 790705 ltr Seacoast Antipollution League & New England Coalition on Nuclear Pollution request to issue show cause order denied W/c encls  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

## M Antitrust correspondence

8003250521 Responds to request for advice re ownership interests in facility resulting in Bangor Hydro Electric Co owning 50 MW share No previous antitrust advice sought, due to de minimus nature of Bangor Hydro Electric Co participation  
LITRACK, S M Justice, Dept of 80/03/17 1p

## G Inspection reports, IE Bulletins & correspondence

8003060756 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Environmental Projects Branch 1 79/11/29 1p

8003120751 Comments on IE Bulletin 79-28, "Possible Malfunction of NAMCO EA180 Limit Switches at Elevated Temps " Valve currently installed does not use NAMCO EA180 limit switch Vendors will be requested to comply w/bulletin in future  
DEVINCENTIS, J Public Service Co of New Hampshire 80/02/04 2pp

8003120558 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190286 Forwards IE Intro Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260363 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260458 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260169 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003250364 Forwards IE Info Notice 80-11, "Generic Problems W/ASCD Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260074 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 50-444 SEABROOK NUCLEAR STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003140453 FOIA request for info re Clamshell Alliance & organizations or individuals opposed to nuclear power  
READ, R P New Hampshire Research Project 80/01/30 3pp

8003200228 Forwards Suppl 4 to Amend 40 of OL application for partial transfer of CPs Includes supporting financial info  
RITISHER, J A Ropes & Gray 80/03/19 1p

--8003200232 Requests approval of encl Suppl 4 to Amend 40 of OL application for partial transfer of CPs  
MERRILL, D N Public Service Co of New Hampshire 80/03/14 7pp

--8003200238 Suppl 4 Amend 40 of OL application for partial transfer of CPs. Includes Amend 39 & 40, filed 780501 & 790514, respectively  
Public Service Co of New Hampshire 80/03/14 9pp

--8003200244 Annual Financial Rept 1978  
Fitchburg Gas & Electric Light Co 78/12/31 400pp



## DOCKETED ITEMS

## G Adjudicatory correspondence

8003040985 Forwards PC Rogers 790922 ltr to President Carter opposing const of facility due to location on Boston-Ottawa earth fault Requests comment White House 791002 memo forwarding ltr to DOE encl  
RATHKOPF, C L Energy, Dept of 80/01/22 4pp

8003240401 Denies request made on behalf of Seacoast Anti-Pollution League for issuance of order to show cause why CPs should not be suspended or revoked Basis for denial discussed in encl Director's decision under 10CFR2 206  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/11 5pp

8003070020 Order granting extension until 800328 for Commission to elect whether to review ALAB-422 & ALAB-561  
CHILK, S J Office of the Secretary of the Commission 80/02/28 1p

8003040670 Forwards EPA 520/1-78-016 & Rogovin rept, in response to 800215 ltr addressed to L Brenner who no longer works w/NRC Rpt re alleged use of drugs by workers, being prepared w/o encl  
REIS, E J Hearing Branch 3 80/03/03 1p

8003070019 Order granting extension until 800328 for Commission to review director's 800211 decision under 10CFR2 206 re denial of emergency planning & Class 9 accidents petition  
CHILK, S J Office of the Secretary of the Commission 80/03/03 1p

8003200458 Advises of Commission final decision not to review sua sponte 791116 denial of request for order to show cause why CPs should not be revoked or suspended due to lack of util financial qualifications  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/05 4pp

--8003200467 Advises that Commission has agreed that supervening events have raised questions which should be addressed by NRC before making decision on whether to review directors denial under 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 79/12/27 1p

--8003200475 Informs of NRC assessment of util 791113 statements to NH Public Utils Commission Util is capable of financing facility Different or modified result not appropriate in directors 791116 10CFR2 206 denial  
DENTON, H R Office of Nuclear Reactor Regulation SECY-A-79-091A 80/01/18 25pp

--8003200482 Advises of Commission decision not to exercise authority to review sua sponte Director of Nuclear Reactor Regulation denial of petitions re financial qualifications of licensees  
CHILK, S J Office of the Secretary of the Commission 80/02/06 1p

## H General correspondence

8003060022 Ack receipt of 800121 ltr re activation of resident inspector program Requests that ofc space be made available for resident inspector by 800415  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/13 1p

--8003060023 Notifies that space has been allocated to accommodate resident inspector & staff per requirements of NRC 791128 ltr  
DEVINCENTIS, J Public Service Co of New Hampshire 80/01/21 1p

8003070308 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/25 2pp

8003070311 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked.  
MOON, C W Operating Reactors Branch 4 80/02/25 2pp

8003070313 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/25 2pp

8003070320 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/25 2pp.

8003070321 Summarizes correspondence re Seacoast Anti-Pollution League 790502 request for issuance of show cause order to util stating why facility CP should not be suspended or revoked  
MOON, C W Operating Reactors Branch 4 80/02/25 2pp

8003120388 Provides update on legal actions taken to revoke facility CP & reasons NRC denied motions  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

8003120455 Provides update on legal actions taken to revoke facility CP & reasons NRC denied motions  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

8003190835 Forwards NRC 800211 ltr to RA Backus, Director's decision & FR notice in response to 790705 ltr Seacoast Antipollution League & New England Coalition on Nuclear Pollution request to issue show cause order denied w/o encl  
MOON, C W Light Water Reactors Branch 4 80/02/25 2pp

## M Antitrust correspondence

8003250521 Responds to request for advice re ownership interests in facility resulting in Bangor Hydro Electric Co owning 50 MW share No previous antitrust advice sought, due to de minimus nature of Bangor Hydro Electric Co participation  
LITRACK, S M Justice, Dept of 80/03/17 1p

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060756 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Environmental Projects Branch 1 79/11/29 1p

8003120751 Comments on IE Bulletin 79-26, "Possible Malfunction of NAMCO EA180 Limit Switches at Elevated Temps " Valve currently installed does not use NAMCO EA180 limit switch Vendors will be requested to comply w/bulletin in future  
DEVINCENTIS, J Public Service Co of New Hampshire 80/02/04 2pp

8003120558 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/29 1p

8003190286 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260363 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/07 1p

8003260498 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/10 1p

8003260169 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/13 1p

8003260364 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003260074 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director, 80/03/14 1p

# DOCKETED ITEMS

263

DOCKET 50-445 COMANCHE PEAK STEAM ELECTRIC STA ,UNIT 1

A Application/construction stage documents & correspondence

B003250496 Summary of B0012B meeting at site on physical security program for util, including insp or site features & discussion of info previously submitted Details withheld (ref 10CFR2 790)  
BURWELL,S B Light Water Reactors Branch 2 80/02/15 4pp

B003210094 Notification of B00325 meeting w/util in Bethesda,MD to discuss instrumentation & control sys w/emphasis on instrumentation upgrade package Draft FSAR questions encl  
BURWELL,S B Light Water Reactors Branch 2 80/03/04 11pp

B003180289 Forwards electrical instrumentation & control drawings Drawings available in Central Files only  
GARY,R J Texas Utilities Generating Co 80/03/12 2pp

B003180509 Advises that motorized svc water strainers have been deleted from facility design  
GARY,R J Texas Utilities Generating Co 80/03/12 1p

F Security, medical, emergency & fire protection plans

B003310242 Notification of B0032b meeting w/util in Bethesda,MD to discuss fire protection criteria & requirements given in Std Review Plan, Section 9 5 1  
BURWELL,S B Light Water Reactors Branch 2 80/03/14 3pp

G Adjudicatory correspondence

B003040697 Amended notice of appearance in proceeding  
GAY,G M Association of Community Organizations for Reform Now-Texas GAY,G M West Texas Legal Services 80/02/11 1p

--B003040705 Response in opposition to NRC B00125 pleading re status rept on proposed stipulations Urges imposition of further negotiations on admissibility of contentions & postponement of hearing until admissibility is decided W/Certificate Svc  
GAY,G M Association of Community Organizations for Reform Now-Texas GAY,G M West Texas Legal Services 80/02/11 5pp

--B003040712 Stipulation agreeing on bases for certain contentions & withdrawal of others submitted by intervenor TX Association of Community Organizations for Reform Now Stipulation executed by NRC & applicant but not signed by intervenor  
CHANDLER,L J , ROTHCHILD,M U Hearing Branch 1 REYNOLDS,N B Texas Utilities Generating Co 80/01/25 17pp

B003240606 Response in opposition to NRC B00125 status rept of negotiations filed per ASLB B00110 order Stipulation not signed by intervenor due to questions raised re contentions & due to third party actions Certificate of Svc encl  
ELLIS,J Citizens Association for Sound Energy 80/02/25 8pp

B003040238 Request for extension until B00310 to respond to Association of Community Organizations for Reform Now B00211 response to NRC status rept & proposed stipulations due to large case load Certificate of Svc encl  
ROTHCHILD,M U Hearing Branch 1 80/02/29 3pp

B003190298 Response in opposition to Citizens for Fair Util Regulation & Citizens Association for Sound Energy answers to NRC B00125 rept re proposed stipulations Urges denial of request seeking addl negotiations by NRC Certificate of Svc encl  
ROTHCHILD,M U Hearing Branch 1 80/03/10 22pp

--B003190304 Forwards draft stipulation covering Citizens Association for Sound Energy contentions & reflecting position of parties  
ULMAN,M B Hearing Branch 1 79/10/04 2pp

--B003190309 Forwards Westinghouse PWRs Tech Specs & board notification re licensee regulatory performance evaluation, in response to 790427 & 0504 requests  
CHANDLER,L J Hearing Branch 1 79/05/04 1p

B003190876 Answer in opposition to Association of Community Organizations for Reform Now B00211 response to NRC B00125 status rept re proposed stipulations Urges denial of request seeking NRC addl negotiations re contentions admissibility.  
ROTHCHILD,M U Hearing Branch 1 80/03/10 14pp

--B003190883 Forwards draft of 45 potential contentions for consideration Requests LJ Chandler patronage to have ASLB word on West TX Legal Svcs 790501 motion for continuance Certificate of Svc encl  
GAY,G M West Texas Legal Services 79/04/11. 2pp

B003250173 Order granting extension until B00310 for NRC to respond to TX Association for Community Organization for Reform Now B00211 proposed contentions  
BOWERS,E S Atomic Safety and Licensing Board Panel 80/03/11 1p

B003310268 Order scheduling B00430 prehearing conference at US Federal Court House,Forth Worth,TX Position of parties on contentions & language of QA contention will be heard  
BOWERS,E S Atomic Safety and Licensing Board Panel 80/03/19 2pp

H General correspondence

B003190629 Responds to 79121t ltr re possible delay in issuance of OL Effort is being made to complete ACRS review & ASLB hearings to issue licenses in time for fuel loading Primary consideration is public health & safety  
DENTON,H R Office of Nuclear Reactor Regulation 80/02/20 2pp

--B003190635 Urges Commission to immediately begin considering applications for new licenses Delay in licensing will place economic burden on TX ratepayers  
COMDEN,G M , ROLLINS,H M , MORRIS,G Texas, State of 79/12/11 1p

B003190893 Forwards NUREG-0a42 in response to B00219 ltr Final "NRC Action Plans" being prepared & final form of Rogovin rept, Vol II being printed Both documents will be furnished upon issuance W/o encl  
ROTHCHILD,M U Hearing Branch 1 80/03/13 1p

B003190901 Responds to B00221 ltr re Vol II of Rogovin Special Inquiry rept Vol II was not included in B00129 distribution due to limited number of draft copies Will be available upon issuance of final copies  
ROTHCHILD,M U Hearing Branch 1 80/03/13 1p

K Utility Final Safety Analysis Report (FSAR) & amends

B003050292 Forwards addl electrical, instrumentation & control drawings listed in Section I 7 of FSAR List of drawings & revision status encl Drawings available in Central Files only  
GARY,R J Texas Utilities Generating Co 80/02/28 23pp

M Antitrust correspondence

B003030146 Application for issuance of encl subpoenas for testimony directed to GW Beams,B Newman,G Campbell & D Wright & encl subpoenas for documents directed to GW Beams,B Newman & GC Campbell Supplements 791203 subpoenas W/Certificate of Svc  
PARMENTER,F H Justice,Dept of 80/02/05 22pp

B003030137 Application for issuance of encl subpoenas for deposition & documents directed to JW Turck of Southwestern Electric Power Co,ME Fats of PBC of OK & D Chalker of Central Power & Light Co, re antitrust practices Certificate of Svc encl  
GREEN,D O Houston Lighting & Power Co 80/02/13 27pp

B003040278 Response in opposition to Houston Lighting & Power request for production of documents Urges issuance of protective order & extension until B00229 to respond to second set of interrogatories Certificate of Svc encl  
STAHL,D M Central & Southwest Corp STAHL,D M Isham, Lincoln & Beale, 80/02/15 7pp

B003240540 Advises that no response received to NRC B00208 ltr re deposition scheduling for J Meyer of Houston Lighting & Power  
CHANANIA,F D Office of the Executive Legal Director 80/02/15 1p

B003030153 Application for issuance of encl subpoena directed to R Frame of Transcon, Inc re analysis & conclusions concerning antitrust economic evaluation & electric util practices Certificate of Svc encl  
AHEARN,C D Texas Utilities Generating Co AHEARN,C D Debevoise & Liberman 80/02/21 11pp

B003060402 Forwards WE Scott documents per ASLB B00214 order & DOJ B00221 motion for protective order re certain of TX Util Co Bys documents  
DQPSOVIC,D A Justice,Dept of 80/02/21 2pp

--B003060406 Motion for issuance of encl protective order re certain of TX Util Co Bys documents dealing w/budgets for new transmission lines between Dallas Power & Light & TX Electric Svc Certificate of Svc encl  
DQPSOVIC,D A Justice,Dept of 80/02/21. 7pp

## DOCKETED ITEMS

- 8003130076 Order granting extension until 800229 for Central & South West Corp to respond to Houston Lighting & Power second set of interrogatories Directs Central to produce documents by 800313 Fact discovery shall be completed on 800314  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 2pp
- 8003060238 Motion to compel NRC expert witnesses to respond to licensee questions re consultations w/NRC Consultations between a us & expert witnesses discoverable per ASLB 790625 & 1023 orders Supporting documentation & Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/22 47pp
- 8003060656 Objection to Public Util Board of City of Brownsville, TX second set of interrogatories & request for production of documents Urges issuance of protective order or relief from Specifications (a) & (b) & 4-5 W/Certificate of Svc  
STAHL, D M Central & Southwest Corp STAHL, D M Isham, Lincoln & Beale 80/02/22 8pp
- 8003130056 Order denying City of Brownsville 800201 motion to compel RH Hardy deposition Alternate application for issuance of subpoena granted Precise Factual & medical info required  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/22 2pp
- 8003030072 Discovery rept for Jan-Feb 1980 Participated in Austin, Hulsey, Brittain, Spence, Hebb & Gerber depositions Responded to Houston Lighting & Power summary disposition appeals & discovery requests Prepared direct case  
LESSY, R P, HODGSON, A P Antitrust Division 80/02/26 2pp
- 8003040271 Third set of requests for production of documents directed to Central Power & Light, re actual & possible interconnections between Public Utils Board of City of Brownsville, TX & other utils Certificate of Svc encl  
OREN, D G Houston Lighting & Power Co 80/02/23 7pp
- 8003200034 Advises of agreement reached between Houston Lighting & Power & DDJ re util 800212 motion to compel DDJ further responses to first set of interrogatories & requests for production of documents Certificate of Svc encl  
BOUKNIGHT, J A Lowe, Neuman, Reis, Axelrad & Toll 80/02/25 6pp
- 8003250483 Response to Houston Lighting & Power 800201 first requests for production of documents Majority of documents already produced w/NRC responses to second & fourth sets of interrogatories Certificate of Svc encl  
CHANANIA, F D, HODGSON, A P Antitrust Division 80/02/25 5pp
- 8003030072 Discovery rept for Jan-Feb 1980 Participated in Austin, Hulsey, Brittain, Spence, Hebb & Gerber depositions Responded to Houston Lighting & Power summary disposition appeals & discovery requests Prepared direct case  
LESSY, R P, CHANANIA, F D, BLUME, M B Antitrust Division 80/02/26 2pp
- 8003030127 Updated response as of 800226 to TX Utils Generating Co first set of interrogatories & request for production of documents Majority of matters responsive to request available in previous filings Certificate of Svc encl  
CHANANIA, F D Antitrust Division 80/02/26 8pp
- 8003050190 Protective order in favor of TX Utils Co Sys on confidential documents produced to DDJ re gas supply contract & budgets of 1975-79 new transmission lines Lists eight restrictions Documents will be returned to util  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 5pp
- 8003050195 Order granting extension for NRC to file instant motion modifying ASLB 800201 subpoena directed to keeper of records of Transcomm, Inc upon Houston Lighting & Power application  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 1p
- 8003030095 Advises of Woodson 800311 deposition at TX Public Utils Commission, Austin, TX  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003040667 Requests to be notified if listing of Durham, Hastings, Seliger, Meyer, Opera, Simmons, Peterson, Phillips, Watson, Poston & Siegelin as fact witnesses is incomplete or erroneous  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003250328 Second set of addl responses to DDJ 781130 interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys role in wholesale transactions & economic study of generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003250333 Second set of addl answers to NRC 790115 initial interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys role in wholesale transactions & economic study of generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 5pp
- 8003250337 Supplemental answers to Central Power & Light 780727 first interrogatories, per ASLB 780621 prehearing conference directive Includes info re Public Utils Board of City of Brownsville, TX interest in purchasing base load W/Affidavit  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003250346 Supplemental answers to Central Power & Light 790223 second interrogatories, per ASLB 780621 prehearing conference directive Includes listing of nonexpert witnesses who will testify at hearing Affidavit & Certificate of Svc encl  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts 80/02/27 7pp
- 8003070332 Confirms agreement to conduct Atkins, Smith, Sprawls & Bondurant depositions on 800305 AM, 0305 PM, 0306 AM & 0307 AM, consecutively, at Gulf States headquarters  
BLUME, M B Antitrust Division 80/02/29 1p
- 800326045 bmits Houston Lighting & Power comments on schedule set in NRC & DDJ joint motion re protection of settlement discussions Proposes accelerated schedule W/Certificate of Svc encl  
FRANKLIN, W J Lowenstein, Newman, Reis, Axelrad & Toll 80/02/29 8pp
- 8003070191 Protective Order in favor of Diamond Shamrock Corp documents produced by Diamond or DDJ, re Gulf Coast Power forecasts for 1979-80 & Houston Lighting & Power rate projection based on Gulf forecast  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 4pp
- 8003140186 Order setting 800307 oral argument re NRC & DDJ 800228 joint motion to compel production & testimony on certain documents & other discovery requests Interested parties shall hand-deliver written responses by 800306  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 3pp
- 8003240173 Response to DDJ motion or compel TX Utils Generating Co to supplement answers to DDJ first set of interrogatories Urges dismissal of motion as moot due to prior commitment to & present preparation of suppl Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 5pp
- 8003250203 Advises of documents availability for insp & copying, per DDJ request at A Gerber deposition Documents consist of Houston Lighting & Power transmittal & Houston exhibits Certificate of Svc encl  
FLYNN, P G Lowenstein, Newman, Reis, Axelrad & Toll 80/03/03 5pp
- 8003260277 Response in opposition to DDJ & NRC 800228 joint motion proposing acceleration of schedule re protection of settlement discussions Urges adherence to normal 10-day period or grant of oral argument Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 5pp
- 8003130030 Protective order in favor of Dow Chemical per DDJ & DDW Chemical stipulation Trade secrets & confidential commercial info shall not be disclosed to third parties but may be subj to judicial review upon request  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/05 6pp
- 8003200256 Motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Responds to NRC 800225 motion to modify Houston Lighting & Power subpoena Urges availability of documents by 800315 prior to Lerner deposition W/exempts  
GREEN, D G Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 13pp
- 8003200297 Requests production of memoranda agreed upon during ND Lerner 790719 deposition recorded at Page 98 of Lerner transcript  
FLYNN, P G Lowenstein, Newman, Reis, Axelrad & Toll 79/12/07 1p
- 8003200303 Comments on recent discussions w/RP Lessy in preparation for hearing Collection of addl data to firm up case needed  
LAUBE, W Antitrust & Indemnity Group 79/04/06 5pp

# DOCKETED ITEMS

265

- B003200310 Forwards Houston Lighting & Power B00305 motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Requests expedited discovery schedule outlined in encl proposed order Certificate of Svc encl GREEN, D G Lowenstein, Neuman, Reis, Axelrad & Toll B0/03/05 8pp
- B003100062 Motion for 30-day extension in proceeding due to unavailability of HH Hartley for medical reasons, written confirmation from physician will be provided Certificate of Svc encl CHANANIA, F D Antitrust Division B0/03/04 5pp
- B003280434 Notice of D Springs of Southern Engineering Co of GA B00313 & 14 deposition re bulk power supply, transmission & wheeling svcs & competition issues CD Ahearn B00310 ltr to W Durchette & Certificate of Svc encl AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman B0/03/10 6pp
- B003190428 Response in opposition to Houston Lighting & Power motion to compel addl production by NRC & by N Lerner, NRC expert witness Maintains ASLB 790416, 0507 & 1025 orders limit discovery to documents forming basis for witness opinion CHANANIA, F D, BLUME, M B Antitrust Division B0/03/11 5pp.
- B003190438 Certificate of Svc re NRC response to Houston Lighting & Power motion to compel production by NRC & expert economic witness & NRC motion to quash R Frame subpoena BLUME, M B Antitrust Division B0/03/11 3pp
- B003190919 Motion to quash TX Utils Generating Co B00221 subpoena directed to R Frame of Transcomm, Inc, consultant of NRC Work of non-testing outside consultants is not discoverable per ASLB 790416 & 0507 orders Proposed order encl CHANANIA, F D, BLUME, M B, HODGSON, A Antitrust Division B0/03/11 5pp
- B003240569 Advises that address for counsel of Central & South West Co has changed to Suite 325, 1120 Connecticut Avenue, N W, Washington, D C STAHL, D M Isham, Lincoln & Deale B0/03/12 1p
- B003250456 Petition for certification of ASLB B00307 order granting DOJ & NRC joint motion to compel production & testimony re cost feasibility of interconnections Settlement discussions must be protected per Wolf Creek case W/Certificate of Svc STAHL, D M Central & Southwest Corp STAHL, D M Shaw, Pittman, Potts & Trowbridge B0/03/12 11pp
- B003240342 Order granting in part Houston Lighting & Power B00305 motion to compel further production from NRC & expert witness NRC shall make available documentation on or prior to B00315 Denies NRC B00225 motion to modify subpoena WOLFE, S J Atomic Safety and Licensing Board Panel B0/03/13 3pp
- B003240349 Order granting TX Utils Generating Co request to stay effectiveness of ASLB B00307 oral ruling, pending further order disposing of petition for directed certification of challenged ruling Certificate of Svc encl BISHOP, C J Atomic Safety and Licensing Appeal Panel B0/03/13 7pp
- B003310194 Order extending stay of effectiveness of challenged ASLB B00307 oral ruling re production of certain TX Utils Generating Co documents in response to DOJ & NRC joint motion Stay extended until certification ruled upon BISHOP, C J Atomic Safety and Licensing Appeal Panel B0/03/13, 3pp
- B003250208 Subpoena directed to GW Stagg of Stagg Sys, Inc, requesting deposition upon oral examination & production of documents re interconnecting & interconnected operations LAZOR, R M Atomic Safety and Licensing Board Panel B0/03/14, 4pp
- B003250208 Subpoena directed to GW Stagg of Stagg Sys, Inc, requesting deposition upon oral examination & production of documents re interconnecting & interconnected operations LAZOR, R M Atomic Safety and Licensing Board Panel B0/03/14 4pp
- B003270109 Motion to compel Houston Lighting & Power supplemental responses to third set of interrogatories & request for production of documents Util counsel will produce certain documents per encl excerpts of DE Simmons deposition BLUME, M B Antitrust Division B0/03/14 8pp
- B003270117 Advises that NRC has not received documents or proposed protective order re lignite deposits purchase or lease from Dow Chemical & negotiations for generation additions Util B00206 ltr re nondisclosure, does not satisfy ASLB order. BLUME, M B, Antitrust Division B0/02/11 2pp
- B003270128 Responds to B00211 ltr re Dow Chemical lignite deposits Houston Lighting & Power will abide by possible agreement between NRC & Dow Chemical Requested documents will be provided when located COPELAND, J G Baker & Botts B0/02/19 1p
- B003270137 Forwards per morning discussions & under separate cover, two groups of documents produced in response to Interrogatory B(4) of NRC first set of interrogatories Draws attention to confidentiality of util corporate study COPELAND, J G Baker & Botts B0/05/02 1p
- B003270147 States that contrary to NRC 790502 agreement to partially review Houston Lighting & Power 1978 corporate study, NRC is now desirous to review entire study w/dates & supply W/draft protective order, stipulation & Certificate of Svc LESSY, R P Antitrust Division B0/02/22 10pp
- B003310064 Joint application for issuance of subpoena directed to GW Stagg of Stagg Sys, Inc, to be deposed & to produce documents re interconnections & interconnected operations W/draft subpoena & excerpts of DE Simmons deposition CHANANIA, F D Antitrust Division CYPHERT, S B Justice, Dept of B0/03/14 7pp
- B003290404 Forwards documents in response to B00305 request Requests Gulf States protective order be sent to all persons inspecting Gulf States documents Remaining documents will be sent when located W/o encl CHANANIA, F D Antitrust Division B0/03/17 1p
- B003270513 Views on consolidation during evidentiary hearing phase, in response to ASLB sua sponte request at Pages 681-682 of B00307 transcript Consolidation is not advised due to potential confusion re relevant facts W/ Certificate of Svc CHANANIA, F D, BLUME, M E, HODGSON, A P Antitrust Division B0/03/17 9pp
- B003250373 Forwards WJ Dunn B00311 ltr re R Hartley treatment JA Bouknight will be advised of developments per B00314 discussion CHANANIA, F D Antitrust Division B0/03/18 1p
- B003250376 Advises of R Hartley situation as patient w/hypertension & severe stress syndrome Hartley is able to answer counsel questions after four wks rest DUNN, N J Affiliation Unknown B0/03/11 1p
- B003270270 Response in opposition to NRC B00311 motion to quash subpoena directed to R Frame of Transcomm, Inc, as adverse witness R Frame work, basis of Dr Lerner testimony, discoverable per reasoning of ASLB 791023 order KNOTT, J B Texas Utilities Generating Co, KNOTT, J B Debevoise & Liberman B0/03/18 7pp
- B003310222 Order setting B00327 argument re petitions for directed certification of ASLB B00307 oral ruling Parties shall confer & shall assign lead counsel to present common position Other counsels may be heard when views differ, TOMPKINS, B A Atomic Safety and Licensing Appeal Panel B0/03/21 3pp
- B003310032 Joint response in opposition to Houston Lighting & Power B00321 motion to quash subpoena directed to GW Stagg Work of outside consultant is not immune from discovery when work is crucial to defense Supporting documentation encl CHANANIA, F D Antitrust Division CYPHERT, S B Justice, Dept of B0/03/26 7pp
- B003310034 Excerpts of deposition upon oral examination of DE Simmons of Lighting & Power in Houston, TX Pp 10-16 \* SIMMONS, D E Houston Lighting & Power Co B0/02/07 11pp.
- B003310042 Excerpts of deposition upon oral examination of RM McCuiston of Houston Lighting & Power, in Houston, TX Pp 153-155 & 161-163 Certificate of Svc encl \* Atomic Safety and Licensing Board Panel, MCCUISTON, R M Houston Lighting & Power Co B0/01/29 13pp
- N Antitrust hearing transcript  
-----
- B003120587 Transcript of B00307 hearing in Bethesda, MD, Pp 472-491 MILLER, M E Commission B0/03/07 220pp

## DOCKETED ITEMS

## G Inspection reports, IE Bulletins &amp; correspondence

- 8003120706 Forwards response to IE Bulletin 79-02, Revision 2 Large pipe supports that do not meet criteria will be sub j to rigorous frame analysis Small pipe support typicals will be evaluated for worst case loadings  
GARY, R J Texas Utilities Generating Co 80/01/04 4pp
- 8003030051 Forwards IE Insp Repts 50-445/79-27 & 50-446/79-26 in Nov 1979  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/08 2pp
- 8003030057 IE Insp Repts 50-445/79-27 & 50-446/79-26 in Nov 1979 Noncompliance noted Failure to revise obsolete QA procedures & failure to follow procedures for hoisting safety-related components  
TAYLOR, R G , CROSSMAN, W A Region 4, Dallas, Office of the Director 80/01/04 7pp
- 8003120408 Forwards IE Insp Rept 50-445/79-30 on 791217-18 No noncompliance noted  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/09 2pp
- 8003130413 IE Insp Rept 50-445/79-30 on 791217-18 No noncompliance noted Major areas inspected procedures for preservice insp, observation of work, review of insp records & interviews w/ insp personnel  
TOMLINSON, D P Region 4, Dallas, Reactor Construction & Engineering Support Branch CROSSMAN, W A , HALL, R E Region 4, Dallas, Office of the Director 80/01/09 4pp
- 8003180064 Forwards IE Insp Repts 50-445/79-28 & 50-446/79-27 on 791204-07 & 10-13 & notice of violation  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/11 2pp
- 8003180068 Notice of violation from insp on 791204-07 & 10-13  
\* Region 4, Dallas, Office of the Director 80/01/11 1p
- 8003180073 IE Insp Repts 50-445/79-28 & 50-446/79-27 on 791204-07 & 10-13 Noncompliance noted failure to properly install Unit 1 hot shutdown panel & failure to provide appropriate instructions for installation of Class IE equipment  
MARTIN, L E , OILBERT, L D , CROSSMAN, W A Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/11 7pp
- 8003200030 Forwards IE Insp Repts 50-445/79-31 & 40-446/79-29 on 791218-20 & 800115-18 & notice of violation  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/29 2pp
- 8003200036 Notice of violation from insp on 791218-20 & 800115-18  
\* Region 4, Dallas, Office of the Director 80/01/28 1p
- 8003200045 IE Insp Repts 50-445/79-31 & 50-446/79-29 on 791218-20 & 800115-18 Noncompliance noted failure to follow welding procedures  
STEWART, R C , OILBERT, L D , CROSSMAN, W A Region 4, Dallas, Office of the Director 80/01/28 1p
- 800310249 Forwards IE Insp Repts 50-445/80-01 & 50-446/80-01 on 800101-31  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/15 2pp
- 8003310251 IE Insp Repts 50-445/80-01 & 50-446/80-01 on 800101-31 Noncompliance noted, failure to provide instructions & procedures appropriate to circumstances in area of electrical equipment qualification & installation  
TAYLOR, R G , CROSSMAN, W A Region 4, Dallas, Office of the Director 80/02/14 11pp
- 8003140032 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p
- 8003200617 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-445/80-01 & 50-446/80-01  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/27 1p
- 8003200619 Responds to NRC 800123 ltr re violations noted in IE Insp Repts 50-445/80-01 & 50-446/80-01 Corrective actions analysis of as-built configuration indicates battery charger foundations acceptable as installed  
GARY, R J Texas Utilities Generating Co 80/02/19 4pp.
- 8003120328 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p
- 8003180012 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p
- 8003190232 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p
- 8003260145 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p
- 8003260590 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p
- 8003260359 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p
- 8003290422 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p
- 8003260333 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p
- S Reportable occurrences LERs & related correspondence
- 8003190070 Forwards interim deficiency rept re violation of piping min wall thickness Supporting documentation is available at job site for NRC inspector review  
GARY, R J Texas Utilities Generating Co 80/01/14 1p
- 8003190084 Interim deficiency rept re violation of piping min wall thickness Addl changes implemented requiring that future welds violating min wall thickness be repaired Corrective actions will be accomplished by hot functional testing  
\* Texas Utilities Generating Co 80/01/14 2pp
- 8003190093 Interim deficiency rept supplementing 800114 submittal re violation of piping min wall thickness Encl to submittal was intended as interim rept Status repts will be issued as welds are dispositioned First rept expected by 800331  
GARY, R J Texas Utilities Generating Co 80/01/23 1p
- DOCKET 50-446 COMANCHE PEAK STEAM ELECTRIC STA , UNIT 2
- A Application/construction stage documents & correspondence
- 8003290496 Summary of 800128 meeting at site on physical security program for util, including insp of site features & discussion of info previously submitted Details withheld (ref 10CFR2 790)  
BURNELL, S B Light Water Reactors Branch 2 80/02/15 4pp
- 8003210094 Notification of 800325 meeting w/util in Bethesda, MD to discuss instrumentation / control sys w/emphasis on instrumentation upgrade package Draft FSAR questions encl  
BURNELL, S B Light Water Reactors Branch 2 80/03/04 11pp
- 8003180389 Forwards electrical instrumentation & control drawings Drawings available in Central Files only  
GARY, R J Texas Utilities Generating Co 80/03/12 2pp
- 8003180509 Advises that motorized svc water strainers have been deleted from facility design  
GARY, R J Texas Utilities Generating Co 80/03/12 1p

# DOCKETED ITEMS

267

## F Security, medical, emergency & fire protection plans

8003310242 Notification of 800326 meeting w/utl in Bethesda, MD to discuss fire protection criteria & requirements given in Std Review Plan, Section 9.5.1  
BURWELL, S B Light Water Reactors Branch 2 80/03/14 3pp

## G Adjudicatory correspondence

8003040697 Amended notice of appearance in proceeding  
GAY, G M Association of Community Organizations for Reform  
Now-Texas GAY, G M West Texas Legal Services 80/02/11 1p

--8003040705 Response in opposition to NRC 800125 pleading re status reft on proposed stipulations Urges imposition of further negotiations on admissibility of contentions & postponement of hearing until admissibility is decided W/Certificate Svc  
GAY, G M Association of Community Organizations for Reform  
Now-Texas GAY, G M West Texas Legal Services 80/02/11 5pp

--8003040712 Stipulation agreeing on bases for certain contentions & withdrawal of others submitted by intervenor TX Association of Community Organizations for Reform Now Stipulation executed by NRC & applicant but not signed by intervenor  
CHANDLER, L J, ROTHSCCHILD, M U Hearing Branch 1 REYNOLDS, N B Texas Utilities Generating Co 80/01/25 17pp

8003240606 Response in opposition to NRC 800125 status reft of negotiations filed per ASLB 800110 order Stipulation not signed by intervenor due to questions raised re contentions & due to third party actions Certificate of Svc encl  
ELLIS, J Citizens Association for Sound Energy 80/02/25 8pp

8003040238 Request for extension until 800310 to respond to Association of Community Organizations for Reform Now 800211 response to NRC status reft & proposed stipulations due to large caseload Certificate of Svc encl  
ROTHSCCHILD, M U Hearing Branch 1 80/02/29 3pp

8003190298 Response in opposition to Citizens for Fair Util Regulation & Citizens Association for Sound Energy answers to NRC 800125 reft re proposed stipulations Urges denial of request seeking addl negotiations by NRC Certificate of Svc encl  
ROTHSCCHILD, M U Hearing Branch 1 80/03/10 22pp

--8003190304 Forwards draft stipulation covering Citizens Association for Sound Energy contentions & reflecting position of parties  
ULMAN, M D Hearing Branch 1 79/10/04 2pp

--8003190309 Forwards Westinghouse PHRs Tech Specs & board notification re licensee regulatory performance evaluation, in response to 790427 & 0504 requests  
CHANDLER, L J Hearing Branch 1 79/05/04 1p

8003190876 Answer in opposition to Association of Community Organizations for Reform Now 800211 response to NRC 800125 status reft re proposed stipulations Urges denial of request seeking NRC addl negotiations re contentions admissibility  
ROTHSCCHILD, M U Hearing Branch 1 80/03/10 14pp

--8003190883 Forwards draft of 45 potential contentions for consideration Requests LJ Chandler patronage to have ASLB word on West TX Legal Svcs 790301 motion for continuance Certificate of Svc encl  
GAY, G M West Texas Legal Services 79/04/11 2pp

8003250173 Order granting extension until 800310 for NRC to respond to TX Association for Community Organization for Reform Now 800211 proposed contentions  
BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/11 1p

8003310268 Order scheduling 800430 prehearing conference at US Federal Court House, Fort Worth, TX Position of parties on contentions & language of GA contention will be heard  
BOWERS, E S Atomic Safety and Licensing Board Panel 80/03/19 2pp

## H General correspondence

8003190629 Responds to 791211 ltr re possible delay in issuance of OL Effort is being made to complete ACRS review & ASLB hearings to issue licenses in time for fuel loading. Primary consideration is public health & safety  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/20 2pp

--8003190635 Urges Commission to immediately begin considering applications for new licenses Delay in licensing will place economic burden on TX ratepayers  
COWDEN, G M, ROLLINS, H M, MORRIS, G Texas, State of 79/12/11 1p

8003190893 Forwards NUREG Ob42 in response to 800219 ltr Final "NRC Action Plans" being prepared & final form of Rogovin reft. Vol II being printed Both documents will be furnished upon issuance W/o encl  
ROTHSCCHILD, M U Hearing Branch 1 80/03/13 1p

8003190901 Responds to 800221 ltr re Vol II of Rogovin Special Inquiry reft Vol II was not included in 800129 distribution due to limited number of draft copies Will be available upon issuance of final copies  
ROTHSCCHILD, M U Hearing Branch 1 80/03/13 1p

## K Utility Final Safety Analysis Report (FSAR) & amends

8003050292 Forwards addl electrical, instrumentation & control drawings listed in Section 1.7 of FSAR List of drawings & revision status encl Drawings available in Central Files only  
GARY, R J Texas Utilities Generating Co 80/02/28 23pp

## M Antitrust correspondence

8003030146 Application for issuance of encl subpoenas for testimony directed to GW Beams, B Neuman, GC Campbell & D Wright & encl subpoenas for documents directed to GW Beams, B Neuman & GC Campbell Supplements 791203 subpoenas W/Certificate of Svc  
PARMENTER, F H Justice, Dept of 80/02/05 22pp

8003030137 Application for issuance of encl subpoenas for deposition & documents directed to JM Turck of Southwestern Electric Power Co, ME Fate of PSC of OK & D Chalker of Central Power & Light Co, re antitrust practices Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/13 27pp

8003040278 Response in opposition to Houston Lighting & Power request for production of documents Urges issuance of protective order & extension until 800229 to respond to second set of interrogatories Certificate of Svc encl  
STAHL, D M Central & Southwest Corp STAHL, D M Isham, Lincoln & Beale 80/02/15 7pp

8003240540 Advises that no response received to NRC 800208 ltr re deposition scheduling for J Meyer of Houston Lighting & Power  
CHANANIA, F D Office of the Executive Legal Director 80/02/15 1p

8003030153 Application for issuance of encl subpoena directed to R Frame of Transcomm, Inc re analysis & conclusions concerning antitrust economic evaluation & electric util practices Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co, AHEARN, C D Debevoise & Liberman 80/02/21 11pp

8003060402 Forwards WE Scott documents per ASLB 800214 order & DOJ 800221 motion for protective order re certain of TX Util Co Sys documents  
DOPSOVIC, D A Justice, Dept of 80/02/21 2pp

--8003060406 Motion for issuance of encl protective order re certain of TX Util Co Sys documents dealing w/budgets for new transmission lines between Dallas Power & Light & TX Electric Svc Certificate of Svc encl  
DOPSOVIC, D A Justice, Dept of 80/02/21 9pp

8003130076 Order granting extension until 800229 for Central & South West Corp to respond to Houston Lighting & Power second set of interrogatories Directs Central to produce documents by 800313 Fact discovery shall be completed on 800314  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 2pp

8003060238 Motion to compel NRC expert witnesses to respond to licensee questions re consultations w/NRC Consultations between attys & expert witnesses discoverable per ASLB 790625 & 1023 orders Supporting documentation & Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/22 47pp

8003060656 Objection to Public Util Board of City of Brownsville, TX second set of interrogatories & request for production of documents, Urges issuance of protective order or relief from Specifications 1(a) & (b) & 4-5 W/Certificate of Svc.  
STAHL, D M Central & Southwest Corp STAHL, D M Isham, Lincoln & Beale 80/02/22 8pp

## DOCKETED ITEMS

- 8003130056 Order denying City of Brownsville 800201 motion to compel RW Hardy deposition Alternate application for issuance of subpoena granted Precise factual & medical info required MILLER, M E Atomic Safety and Licensing Board Panel 80/02/22 2pp
- 8003040271 Third set of requests for production of documents directed to Central Power & Light, re actual & possible interconnections between Public Utility Board of City of Brownsville, TX & other utilities Certificate of Svc encl GREEN, D G Houston Lighting & Power Co 80/02/25 7pp
- 8003200034 Advises of agreement reached between Houston Lighting & Power & DOJ re util 800212 motion to compel DOJ further responses to first set of interrogatories & requests for production of documents Certificate of Svc encl BOUKNIGHT, J A Lowenstein, Newman, Reis, Axelrad & Toll 80/02/25 6pp
- 8003250483 Response to Houston Lighting & Power 800201 first requests for production of documents Majority of documents already produced w/NRC responses to second & fourth sets of interrogatories Certificate of Svc encl CHANANIA, F D , HODGSON, A P Antitrust Division 80/02/25 5pp
- 8003030072 Discovery reft for Jan-Feb 1980 Participated in Austin, Hulseay, Brittain, Spence, Hebb & Gerber depositions Responded to Houston Lighting & Power summary disposition appeals & discovery requests Prepared direct case LESSY, R P , CHANANIA, F D , BLUME, M B Antitrust Division 80/02/26 2pp
- 8003030129 Updated response as of 800226 to TX Utils Generating Co first set of interrogatories & request for production of documents Majority of matls responsive to request available in previous filings Certificate of Svc encl CHANANIA, F D Antitrust Division 80/02/26 8pp
- 8003030190 Protective order in favor of TX Utils Co Sys on confidential documents produced to DOJ re gas supply contract & budgets of 1975-79 new transmission lines Lists eight restrictions Documents will be returned to util MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 5pp
- 8003050195 Order granting extension for NRC to file instant motion modifying ASLB 800201 subpoena directed to keeper of records of Transcomm, Inc upon Houston Lighting & Power application MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 1p
- 8003030075 Advises of Woodson 800311 deposition at TX Public Utility Commission, Austin, TX CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003040667 Requests to be notified if listing of Durham, Hastings, Helger, Meyer, Opera, Simmons, Peterson, Phillips, Watson, Poston & Siegelin as fact witnesses is incomplete or erroneous. CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003250328 Second set of addl responses to DOJ 781130 interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys 791217 study of economic evaluation of expansion plans re alternative generation Affidavit encl FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003250333 Second set of addl answers to NRC 790115 initial interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys role in wholesale transactions & economic study of generation Affidavit encl FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 5pp
- 8003250339 Supplemental answers to Central Power & Light 780727 first interrogatories, per ASLB 780621 prehearing conference directive Includes info re Public Utility Board of City of Brownsville, TX interest in purchasing base load w/Affidavit, FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003250346 Supplemental answers to Central Power & Light 790223 second interrogatories, per ASLB 780621 prehearing conference directive Includes listing of nonexpert witnesses who will testify at hearing Affidavit & Certificate of Svc encl FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts 80/02/27 7pp
- 8003070332 Confirms agreement to conduct Atkins, Smith, Sprawls & Bondurant depositions on 800305 AM, 0305 PM, 0306 AM & 0307 AM, consecutively, at Gulf States headquarters BLUME, M B Antitrust Division 80/02/29 1p.
- 8003260454 Submits Houston Lighting & Power comments on schedule set in NRC & DOJ joint motion re protection of settlement discussions Proposes accelerated schedule w/Certificate of Svc encl FRANKLIN, W J Lowenstein, Newman, Reis, Axelrad & Toll 80/02/29 8pp
- 8003070191 Protective order in favor of Diamond Shamrock Corp documents produced by Diamond or DOJ, re Gulf Coast Power forecasts for 1979-90 & Houston Lighting & Power rate projection based on Gulf forecast MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 4pp
- 8003140186 Order setting 800307 oral argument re NRC & DOJ 800228 joint motion to compel production & testimony on certain documents & other discovery requests Interested parties shall hand-deliver written responses by 800306 MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 3pp
- 8003240173 Response to DOJ motion of compel TX Utils Generating Co to supplement answers to DOJ first set of interrogatories Urges dismissal of motion as moot due to prior commitment to & present preparation of suppl Certificate of Svc encl AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 5pp
- 8003250203 Advises of documents' availability for insp & copying, per DOJ request at A Gerber deposition Documents consist of Houston Lighting & Power transmittal & Houston exhibits Certificate of Svc encl FLYNN, P Q Lowenstein, Newman, Reis, Axelrad & Toll 80/03/03 5pp
- 8003260277 Response in opposition to DOJ & NRC 800228 joint motion proposing acceleration of schedule re protection of settlement discussions Urges adherence to normal 10-day period or grant of oral argument Certificate of Svc encl AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 8pp
- 8003130030 Protective order in favor of Dow Chemical per DOJ & DOJ Chemical stipulation Trade secrets & confidential commercial info shall not be disclosed to third parties but may be subj to judicial review upon request MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 6pp
- 8003200256 Motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Responds to NRC 800225 motion to modify Houston Lighting & Power subpoena Urges availability of documents by 800315 prior to Lerner deposition w/ excerpts GREEN, D G Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 13pp
- 8003200310 Forwards Houston Lighting & Power 800305 motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Requests expedited discovery schedule outlined in encl proposed order Certificate of Svc encl GREEN, D G Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 8pp
- 8003100062 Motion for 30-day extension in proceeding due to unavailability of HH Hartley for medical reasons, written confirmation from physician will be provided Certificate of Svc encl CHANANIA, F D Antitrust Division 80/03/06 5pp
- 8003280634 Notice of D Springs or Southern Engineering Co of GA 800313 & 14 deposition re bulk power supply, transmission & wheeling svcs & competition issues CD Ahearn 800310 ltr to W Burchette & Certificate of Svc encl AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/10 6pp
- 8003190628 Response in opposition to Houston Lighting & Power motion to compel addl production by NRC & by N Lerner, NRC expert witness Maintains ASLB 790416, 0507 & 1029 orders limit discovery to documents forming basis for witness opinion CHANANIA, F D , BLUME, M B Antitrust Division 80/03/11 5pp
- 8003190638 Certificate of Svc re NRC response to Houston Lighting & Power motion to compel production by NRC & expert economic witness & NRC motion to quash R Frame subpoena BLUME, M B Antitrust Division 80/03/11 3pp
- 8003190719 Motion to quash TX Utils Generating Co 800221 subpoena directed to R Frame of Transcomm, Inc, consultant of NRC Work of non-testifying outside consultants is not discoverable per ASLB 790416 & 0507 orders Proposed order encl CHANANIA, F D , BLUME, M B , HODGSON, A Antitrust Division 80/03/11 5pp

# DOCKETED ITEMS

269

8003240569 Advises that address for counsel of Central & South West Co has changed to Suite 325, 1120 Connecticut Avenue, N.W., Washington, D.C.  
STAHL, D.M. Isham, Lincoln & Seale 80/03/12 1p

8003250456 Petition for certification of ASLB 800307 order granting DOJ & NRC joint motion to compel production & testimony re cost feasibility of interconnections Settlement discussions must be protected per Wolf Creek case W/Certificate of Svc  
STAHL, D.M. Central & Southwest Corp STAHL, D.M. Shaw, Pittman, Potts & Trowbridge 80/03/12 11pp

8003240342 Order granting in part Houston Lighting & Power 800305 motion to compel further production from NRC & expert witness NRC shall make available documentation on or prior to 800315 Denies NRC 800225 motion to modify subpoena  
WOLFE, S.J. Atomic Safety and Licensing Board Panel 80/03/13 3pp

--8003240349 Order granting TX Utils Generating Co request to stay effectiveness of ASLB 800307 oral ruling, pending further order disposing of petition for directed certification of challenged ruling Certificate of Svc encl  
BISHOP, C.J. Atomic Safety and Licensing Appeal Panel 80/03/13 7pp

8003310194 Order extending stay of effectiveness of challenged ASLB 800307 oral ruling re production of certain TX Utils Generating Co documents in response to DOJ & NRC joint motion. Stay extended until certification ruled upon  
BISHOP, C.J. Atomic Safety and Licensing Appeal Panel 80/03/13 3pp

8003250208 Subpoena directed to GW Stagg of Stagg, Bys, Inc., requesting deposition upon oral examination & production of documents re interconnecting & interconnected operations  
LAZOR, R.M. Atomic Safety and Licensing Board Panel 80/03/14 4pp

8003270109 Motion to compel Houston Lighting & Power supplemental responses to third set of interrogatories & request for production of documents U' l counsel will produce certain documents per encl excerpts of DE Simmons deposition  
BLUME, M.B. Antitrust Division 80/03/14 8pp

--8003270117 Advises that NRC has not received documents or proposed protective order re lignite deposits purchase or lease from Dow Chemical & negotiations for generation additions Util 800206 ltr re nondisclosure, does not satisfy ASLB order  
BLUME, M.B. Antitrust Division 80/02/11 2pp

--8003270128 Responds to 800211 ltr re Dow Chemical lignite deposits Houston Lighting & Power will abide by possible agreement between NRC & Dow Chemical Requested documents will be provided when located  
COPELAND, J.G. Baker & Botts 80/02/19 1p

--8003270137 Forwards per morning discussions & under separate cover, two groups of documents produced in response to Interrogatory B(d) of NRC first set of interrogatories Draws attention to confidentiality of Util corporate study  
COPELAND, J.G. Baker & Botts 80/05/02 1p

--8003270147 States that contrary to NRC 790502 agreement to partially review Houston Lighting & Power 1979 corporate study, NRC is now desirous to review entire study w/dates & suppl.  
W/draft protective order, stipulation & Certificate of Svc.  
LESSY, R.P. Antitrust Division 80/02/22 10pp

8003310064 Joint application for issuance of subpoena directed to GW Stagg of Stagg Bys, Inc. to be deposed & to produce documents re interconnections & interconnected operations  
W/draft subpoena & excerpts of DE Simmons deposition  
CHANANIA, F.D. Antitrust Division CYPHERT, S.B. Justice, Dept of 80/03/14 7pp

8003250404 Forwards documents in response to 8005 request Requests Gulf States protective order be sent to all pers. inspecting Gulf States documents Remaining documents will be sent when located W/o encl  
CHANANIA, F.D. Antitrust Division 80/03/17 1p

8003270513 Views on consolidation during evidentiary hearing phase, in response to ASLB sua sponte request at Pages 681-682 of 800307 transcript Consolidation is not advised due to potential confusion re relevant facts W/ Certificate of Svc  
CHANANIA, F.D., BLUME, M.E., HODGSON, A.P. Antitrust Division 80/03/17 9pp

8003250373 Forwards WJ Dunn 800311 ltr re R Hartley treatment JA Bouknight will be advised of developments per 800314 discussion.  
CHANANIA, F.D. Antitrust Division 80/03/18 1p

8003270270 Response in opposition to NRC 800311 motion to quash subpoena directed to R Frame of Transcomm, Inc., as adverse witness R Frame work, basis of Dr Lerner testimony, discoverable per reasoning of ASLB 791023 order  
KNOTTS, J.B. Texas Utilities Generating Co KNOTTS, J.B. Debevoise & Liberman 80/03/18 7pp

8003310222 Order setting 800327 argument re petitions for directed certification of ASLB 800307 oral ruling Parties shall confer & shall assign lead counsel to present common position Other counsels may be heard when views differ  
TOMPKINS, B.A. Atomic Safety and Licensing Appeal Panel 80/03/21 3pp

8003310032 Joint response in opposition to Houston Lighting & Power 800321 motion to quash subpoena directed to GW Stagg Work of outside consultant is not immune from discovery when work is crucial to defense Supporting documentation encl  
CHANANIA, F.D. Antitrust Division CYPHERT, S.B. Justice, Dept of 80/03/26 7pp

--8003310336 Excerpts of deposition upon oral examination of DE Simmons of Lighting & Power in Houston, TX Pp 10-16  
\*, SIMMONS, D.E. Houston Lighting & Power Co 80/02/07 11pp

--8003310042 Excerpts of deposition upon oral examination of RM McCushtion of Houston Lighting & Power, in Houston, TX Pp 153-155 & 161-163 Certificate of Svc encl  
\*, Atomic Safety and Licensing Board Panel MCCUSHTION, R.M. Houston Lighting & Power Co 80/01/29 13pp

N Antitrust hearing transcripts  
-----

- 8003120587 Transcript of 800307 hearing in Bethesda, MD Pp 472-691  
MILLER, J.E. Commission 80/03/07 220pp

Q Inspection reports, IE Bulletins & correspondence  
-----

8003120706 Forwards response to IE Bulletin 79-02, Revision 2 Laid pipe supports that do not meet criteria will be subj to rigorous frame analysis Small pipe support typicals will be evaluated for worst case loadings  
GARY, R.J. Texas Utilities Generating Co 80/01/04 4pp

8003030051 Forwards IE Insp Repts 50-445/79-27 & 50-446/79-26 in Nov 1979  
SEIDLE, W.C. Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/08 2pp

--8003030057 IE Insp Repts 50-445/79-27 & 50-446/79-26 in Nov 1979 Noncompliance noted failure to revise obsolete QA procedures & failure to follow procedures for hoisting safety-related components  
TAYLOR, R.G., CROSSMAN, W.A. Region 4, Dallas, Office of the Director 80/01/04 7pp

8003180064 Forwards IE Insp Repts 50-445/79-28 & 50-446/79-27 on 791204-07 & 10-13 & notice of violation  
SEIDLE, W.C. Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/11 2pp

--8003180068 Notice of violation from insp on 791204-07 & 10-13  
\* Region 4, Dallas, Office of the Director 80/01/11 1p

--8003180073 IE Insp Repts 50-445/79-28 & 50-446/79-27 on 791204-07 & 10-13 Noncompliance noted failure to properly install Unit 1 hot shutdown panel & failure to provide appropriate instructions for installation of Class IE equipment  
MARTIN, L.E., GILBERT, L.D., CROSSMAN, W.A. Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/11 7pp

8003200030 Forwards IE Insp Repts 50-445/79-31 & 40-446/79-29 on 791218-20 & 800115-18 & notice of violation  
SEIDLE, W.C. Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/29 2pp

--8003200036 Notice of violation from insp on 791218-20 & 800115-18  
\* Region 4, Dallas, Office of the Director 80/01/28 1p

--8003200045 IE Insp Repts 50-445/79-31 & 50-446/79-29 on 791218-20 & 800115-18 Noncompliance noted failure to follow welding procedures  
STEWART, R.C., GILBERT, L.D., CROSSMAN, W.A. Region 4, Dallas, Office of the Director 80/01/28 1p

8003310249 Forwards IE Insp Repts 50-445/80-01 & 50-446/80-01 on 800101-31  
SEIDLE, W.C. Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/15 2pp



## DOCKETED ITEMS

--8003310251 IE Insp Repts 50-445/80-01 & 50-446/80-01 on 800101-31  
Noncompliance noted failure to provide instructions &  
procedures appropriate to circumstances in area of  
electrical equipment qualification & installation  
TAYLOR, R O , CROSSMAN, W A Region 4, Dallas, Office of the  
Director 80/02/14 11pp

8003140032 Forwards IE Info Notice 80-06, "Notification of Significant  
Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27  
1p

8003200617 Ack receipt of 800219 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-445/80-01 &  
50-446/80-01  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering  
Support Branch 80/02/27 1p

--8003200619 Responds to NRC 800123 ltr re violations noted in IE Insp  
Repts 50-445/80-01 & 50-446/80-01 Corrective actions  
analysis of as-built configuration indicates battery charger  
foundations acceptable as installed  
GARY, R J Texas Utilities Generating Co 80/02/19 4pp

8003120328 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29  
1p

8003180012 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07  
1p

8003190232 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07  
1p

8003260145 Forwards IE Info Notice 80-09, "Possible Occupational Health  
Hazard Associated W/Closed Cooling Sys for Operating Power  
Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07  
1p

8003260590 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "   
Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10  
1p

8003260359 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13  
1p

8003250422 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14  
1p

8003260333 Forwards IE Circular 80-04, "Securing of Threaded Locking  
Devices on Safety-Related Equipment " No written response  
required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14  
1p

#### S Reportable occurrences, LERs & related correspondence

8003190070 Forwards Interim deficiency rept re violation of piping min  
wall thickness Supporting documentation is available at  
job site for NRC inspector review  
GARY, R J Texas Utilities Generating Co 80/01/14, 1p

--8003190084 Interim deficiency rept re violation of piping min wall  
thickness Addl changes implemented requiring that future  
welds violating min wall thickness be repaired. Corrective  
actions will be accomplished by hot functional testing  
\* Texas Utilities Generating Co 80/01/14 2pp

8003190093 Interim deficiency rept supplementing 800114 submittal re  
violation of piping min wall thickness Encl to submittal was  
intended as interim rept Status repts will be issued as welds  
are dispositioned First rept expected by 800331  
GARY, R J Texas Utilities Generating Co 80/01/23 1p.

#### DOCKET 50-454 BYRON STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003240193 Confirms plans to meet w/util & mgt representatives on  
800228 at Byron const site to discuss insp findings re  
const activities at facilities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11  
1p

##### F Security, medical, emergency & fire protection plans

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile  
Radius Emergency Planning Zone " Rept findings should be  
considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

##### G Adjudicatory correspondence

8003140130 Order directing parties to submit briefs re applicant 800213  
motion seeking ruling on admissibility of contentions of  
Intervenor League of Women Voters of Rockford, IL All briefs  
should be received by 800314  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 1p

8003310197 Notice of appearance of MM Cherry on behalf of intervenor  
League of Women Voters of Rockford, IL Represents that util  
is willing to continue 800213 motion until 800310  
Certificate of Svc encl  
CHERRY, M M Cherry, M M /Cheiry, Flynn & Kanter 80/02/22 4pp

##### K Utility Final Safety Analysis Report (FSAR) & amends

8003250452 Amend 25 to application for CPs & DLs, containing FSAR Amend  
25  
NAUGHTON, W F Commonwealth Edison Co 80/03/21 2pp

--8003250457 Amend 25 to FSAR, providing responses to NRC requests for  
addl info Constitutes Amend 25 to DL application  
\* Commonwealth Edison Co 80/03/21 156pp

##### G Inspection reports, IE Bulletins & correspondence

8003250277 Forwards IE Insp Repts 50-454/79-15, 50-455/79-15,  
50-456/79-13 & 50 457/79-17 on 791010-11 & notice of  
violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering  
Support Branch 79/10/24 2pp

--8003250281 Notice of violation from insp on 791010-11  
\* Region 3, Chicago, Office of the Director 79/10/23 1p

--8003250286 IE Insp Repts 50-454/79-15, 50-455/79-15, 50-456/79-13 &  
50 457/79 13 or 791010-11 Noncompliance noted lack of  
procedures for control of IF bulletins & circulars  
KONKLIN, J E , SCHWETZBINZ, E R , WILLIAMS, C C Region 3, Chicago,  
Office of the Director 79/10/23 4pp

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31  
1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work  
Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Btd Type  
11-Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06  
1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line  
Break W/Continued Feedwater Addition " Written response  
required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of  
Safety-Related Piping & Components " No written response  
required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p.

# DOCKETED ITEMS

271

8003200416 Forwards IE Insp Repts 90-454/80-01 & 90-455/80-01 on 800116-17 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--8003200443 IE Insp Repts 90-454/80-01 & 90-455/80-01 on 800116-17 No noncompliance noted Major areas inspected licensee actions re resolution of noncompliances cited during Region 3 mid-term GA Insp of 790911-28  
KINKLIN, J E, WILLIAMS, C C Region 3, Chicago, Office of the Director 80/02/07 5pp

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260369 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003130401 Forwards second interim deficiency rept re failure of two post-tensioning field anchorheads Requests extension until 800515 for submittal of final rept  
NAUGHTON, W F Commonwealth Edison Co 80/02/29 1p

--8003130415 Second interim deficiency rept re failure of two field anchorheads For horizontal tendons used to post-tension concrete containment Addl tendons detensioned to minimize asymmetric loads on containment bldg  
\* Commonwealth Edison Co 80/02/29 2pp

## DOCKET 90-455 BYRON STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003240193 Confirms plans to meet w/util & mgt representatives on 800228 at Byron const site to discuss insp findings re const activities at facilities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11 1p

### F Security, medical, emergency & fire protection plans

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co, 80/03/11 4pp

### G Adjudicatory correspondence

8003140130 Order directing parties to submit briefs re applicant 800213 motion seeking ruling on admissibility of contentions of intervenor League of Women Voters of Rockford, IL All briefs should be received by 800314  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 1p

8003310197 Notice of appearance of MM Cherry on behalf of intervenor League of Women Voters of Rockford, IL Represents that util is willing to continue 800213 motion until 800310 Certificate of Svc encl  
CHERRY, M M Cherry, M M /Cherry, Flynn & Kanter 80/02/22 4pp

### K Utility Final Safety Analysis Report (FSAR) & amends

8003250452 Amend 25 to application for CPs & GLs containing FSAR Amend 25  
NAUGHTON, W F Commonwealth Edison Co 80/03/21 2pp

--8003250457 Amend 25 to FSAR, providing responses to NRC requests for addl info Constitutes Amend 25 to GL application  
\* Commonwealth Edison Co 80/03/21 156pp

### G Inspection reports, IE Bulletins & correspondence

8003250277 Forwards IE Insp Repts 90-454/79-15, 90-455/79-15, 90-456/79-13 & 90-457/79-13 on 791010-11 & notice of violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 79/10/24 2pp

--8003250281 Notice of violation from insp on 791010-11  
\* Region 3, Chicago, Office of the Director 79/10/23 1p

--8003250286 IE Insp Repts 90-454/79-15, 90-455/79-15, 90-456/79-13 & 90-457/79-13 on 791010-11 Noncompliance noted lack of procedures for control of IE bulletins & circulars  
KINKLIN, J E, SCHWEIBINZ, C R, WILLIAMS, C C Region 3, Chicago, Office of the Director 79/10/23 4pp

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06, 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003200416 Forwards IE Insp Repts 90-454/80-01 & 90-455/80-01 on 800116-17 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--8003200443 IE Insp Repts 90-454/80-01 & 90-455/80-01 on 800116-17 No noncompliance noted Major areas inspected licensee actions re resolution of noncompliances cited during Region 3 mid-term GA Insp of 790911-28  
KINKLIN, J E, WILLIAMS, C C Region 3, Chicago, Office of the Director 80/02/07 5pp

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director, 80/02/14 1p

## DOCKETED ITEMS

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260269 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Lock Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003130401 Forwards second interim deficiency rept re failure of two post-tensioning field anchorheads Requests extension until 800515 for submittal of final rept  
NAUGHTON, W F Commonwealth Edison Co 80/02/29 1p

--8003130415 Second interim deficiency rept re failure of two field anchorheads for horizontal tendons used to post-tension concrete containment Add tendons detensioned to minimize asymmetric loads on containment bldg  
\* Commonwealth Edison Co 80/02/29 2pp

#### DOCKET 80-456 BRAIDWOOD STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003250050 Requests description of QA program to prevent degradation of safety-related equipment, components & structures during suspension of const activities  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/03 2pp

103240193 Confirms plans to meet w/util & mgt represent ves on 800328 at Byron const site to discuss insp findings re const activities at facilities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11 1p

##### Security, medical, emergency & fire protection plans

003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone " Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

##### Utility Final Safety Analysis Report (FSAR) & amendments

103250452 Amend 25 to application for CPs & OLs, containing FSAR Amend 25  
NAUGHTON, W F Commonwealth Edison Co 80/03/21 2pp

--8003250457 Amend 25 to FSAR, providing responses to NRC requests for add info Constitutes Amend 25 to OL application  
\* Commonwealth Edison Co 80/03/21 156pp

##### Inspection reports, IE Bulletins & correspondence

003250277 Forwards IE Insp Repts 80-454/79-15, 80-455/79-15, 80-456/79-13 & 80-457/79-13 on 791010-11 & notice of violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 79/10/24 2pp

--8003250281 Notice of violation from insp on 791010-11  
\* Region 3, Chicago, Office of the Director 79/10/23 1p

--8003250286 IE Insp Repts 80-454/79-15, 80-455/79-15, 80-456/79-13 & 80-457/79-13 on 791010-11 Noncompliance noted lack of procedures for control of IE bulletins & circulars  
KONKLIN, J E, SCHWEIBINZ, E R, WILLIAMS, C C Region 3, Chicago, Office of the Director 79/10/23 4pp

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140169 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003110244 Forwards corrected IE Bulletin 80-0, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Previous IE bulletin should have stated for info only to written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003190837 Ack receipt of 800215 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 80-456/79-15 & 80-457/79-15  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/04 1p

--8003190843 Responds to NRC 800118 ltr re violations noted in IE Insp Repts 80-456/79-15 & 80-457/79-15 Corrective actions steam generator storage problem reviewed & secondary side of steam generators being closed up & inerted  
PEOPLES, D L Commonwealth Edison Co 80/02/15 3pp

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260269 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250070 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

273

## S Reportable occurrences, LERs & related correspondence

8003250075 PND-11-80-040 station will start limited const of safety-related activities during wk of 800303-08 Staff will slowly be increased to high of 700 in June  
SCHWEIBINZ, E R, DANIELSON, D H Region 3, Chicago, Office of the Director 80/02/29 1p

## DOCKET 80-457 DRAIDWOOD STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003250050 Requests description of QA program to prevent degradation of safety-related equipment, components & structures during suspension of const activities  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/03 2pp

8003240193 Confirms plans to meet w/util & mgt representatives on 800228 at Byron const site to discuss insp findings re const activities at facilities  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/11 1p

### F Security, medical, emergency & fire protection plans

8003210534 Forwards "Preliminary Evacuation Time Study of 10-Mile Radius Emergency Planning Zone" Rept findings should be considered preliminary  
PEOPLES, D L Commonwealth Edison Co 80/03/11 4pp

### K Utility Final Safety Analysis Report (FSAR) & amends

8003250452 Amend 25 to application for CPs & OLs, containing FSAR Amend 25  
NAUGHTON, W F Commonwealth Edison Co 80/03/21 2pp

--8003250457 Amend 25 to FSAR, providing responses to NRC requests for addl info Constitutes Amend 25 to DI Application  
\* Commonwealth Edison Co 80/03/21 156pp

### G Inspection reports, IF Bulletins & correspondence

8003250277 Forwards IE Insp Repts 50-454/79-15, 50-455/79-15, 50-456/79-13 & 50-457/79-13 on 791010-11 & notice of violation  
FIORILLI, J O Region 3, Chicago, Reactor Construction & Engineering Support Branch 79/10/24 2pp

--8003250286 IE Insp Repts 50-454/79-15, 50-455/79-15, 50-456/79-13 & 50-457/79-13 on 791010-11 Noncompliance noted lack of procedures for control of IE bulletins & circulars  
KONKLIN, J E Region 3, Chicago, Office of the Director 79/10/23 4pp

--8003250281 Notice of violation from insp on 791010-11  
\* Region 3, Chicago, Office of the Director 79/10/23 1p

8003190007 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/01/31 1p

8003120140 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/01 1p

8003140149 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch Tray Adsorber Cells" Action required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/06 1p

8003110092 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition" Written response required.  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/08 1p.

8003190316 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required.  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/08 1p

8003110244 Forwards corrected IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition" Previous IE bulletin should have stated for info only No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/14, 1p

8003120336 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/02/29 1p

8003190837 Ack receipt of 800215 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-456/79-15 & 50-457/79-15  
FIORILLI, J O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/04 1p

\* --8003190843 Responds to NRC 800118 ltr re violations noted in IE Insp Repts 50-456/79-15 & 50-457/79-15 Corrective actions steam generator storage problem reviewed & secondary side of steam generators being closed up & inerted  
PEOPLES, D L Commonwealth Edison Co 80/02/15 3pp

8003260426 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003260516 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/10 1p

8003260269 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/13 1p.

8003250070 Forwards IF Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/14 1p

8003260282 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
KEPPLER, J O Region 3, Chicago, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003250075 PND-11-80-040 station will start limited const of safety-related activities during wk of 800303-08 Staff will slowly be increased to high of 700 in June  
SCHWEIBINZ, E R, DANIELSON, D H Region 3, Chicago, Office of the Director 80/02/29 1p

## DOCKET 80-458 RIVER BEND STATION, UNIT 1

### A Application/construction stage documents & correspondence

7912050382 "Economic Comparison of 230 kV Lines 352 & 354: Port Hudson Battlefield Crossing Alternatives"  
\* Gilbert/Commonwealth Cos 79/10/25 48pp

8003040383 Summary of 800208 meeting w/util in Bethesda, MD re reorganization & facility status List of meeting attendees & reorganizational chart encl  
HODD, D C Light Water Reactors Branch 4 80/02/14 5pp

8003190542 Revised summary of 800208 meeting w/util in Bethesda, MD re changes in position of util mgt personnel & summary of plant status Planned fuel load for Unit 1 is Oct 1983, w/commercial operation in Spring 1984.  
HODD, D S Light Water Reactors Branch 4 80/03/04 6PP

8003170422 Forwards "Economic Comparison of 230 kV Lines 352 & 354 Port Hudson Battlefield Crossing Alternatives" Map & info re alternative routes & residential growth in vicinity encl  
WEIGAND, J O Gulf States Utilities Co 80/03/07, 11pp

## DOCKETED ITEMS

8003280558 Notifies that univ & State Div of Archaeology & Historic Preservation files indicate that proposed alternatives 1 & 2 of line 352 in Port Hudson Battlefield area would not endanger any cultural resources Maps encl  
NEUMAN,R W Louisiana State Univ 80/03/10 3pp

8003310434 Forwards NRC 800128 & 0211 ltrs to GE discussing analysis of bollof rates & mods to BWR control rod drive return line nozzles to prevent cracking Mods should not be performed before issuance of NUREG-0617 or w/o NRC guidance  
RUBENSTEIN,L S Light Water Reactors Branch 4 80/03/11 2pp

Security, medical, emergency & fire protection plans

8003190395 Notification of 800320 meeting w/util & Stone & Webster in Bethesda,MD to discuss deviations from APCSB Tech Position 9 5 1 re protection of cable trays outside cable room & isolation/separation of safety-related sys  
HOOD,D Light Water Reactors Branch 4 80/03/05 3pp

8003280088 Notification of 800320 meeting w/util & S&W in Bethesda,MD to discuss selected matters from fire protection rept  
HOOD,D Light Water Reactors Branch 4 80/03/05 3pp

Inspection reports, If Bulletins & correspondence

8003120723 Forwards IE Insp Rept 50-458/80-01 on 800109-11 & 14-18 No noncompliance noted  
SEIDLE,H C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/29 2pp

8003120729 IE Insp Rept 50-458/80-01 on 800109-11 & 14-18 No noncompliance noted Major areas inspected preparations for & placement of reactor bldg base matl & licensee action on previous insp findings  
HALL,R E Region 4, Dallas, Reactor Construction & Engineering Support Branch CROSSMAN,W A, TAPIA,J L Region 4, Dallas, Office of the Director 80/01/28 10pp

8003102330 Forwards IE Insp Rept 50-458/79-06 on 791118-21 & 1204-07 & notice of violation  
SEIDLE,H S Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/31 2pp

8003310232 Notice of violation from insp on 791118-21 & 1204-07  
\* Region 4, Dallas, Office of the Director 80/01/29 2pp

8003310237 IE Insp Rept 50-458/79-06 on 791118-21 & 1204-07 Noncompliance noted delation of & failure to specify acceptance criteria & failure to identify unsatisfactory test results re safety-related concrete  
BERGER,C R, BEACH,A B, CROSSMAN,W A Region 4, Dallas, Office of the Director 80/01/24 14pp

803140017 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/27 1p

803120311 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/29 1p

803180003 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

803190210 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

80320115 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

80320341 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250411 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260311 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p

DOCKET 50-459 RIVER BEND STATION, UNIT 2

A Application/construction stage documents & correspondence

7912050382 "Economic Comparison of 230 kV Lines 352 & 354 Port Hudson Battlefield Crossing Alternatives "  
\* Gilbert/Commonwealth Cos 79/10/25 48pp

8003040383 Summary of 800308 meeting w/util in Bethesda,MD re reorganization & facility status List of meeting attendees & reorganizational chart encl  
HOOD,D C Light Water Reactors Branch 4 80/02/14 5pp

8003190562 Revised summary of 800209 meeting w/util in Bethesda,MD re changes in position of util mgt personnel & summary of plant status Planned fuel load for Unit 1 is Oct 1983,w/commercial operation in Spring 1984  
HOOD,D S Light Water Reactors Branch 4 80/03/04 6PP

8003280558 Notifies that univ & State Div of Archaeology & Historic Preservation files indicate that proposed alternatives 1 & 2 of line 352 in Port Hudson Battlefield area would not endanger any cultural resources Maps encl  
NEUMAN,R W Louisiana State Univ 80/03/10 3pp

8003310434 Forwards NRC 800128 & 0211 ltrs to GE discussing analysis of bollof rates & mods to BWR control rod drive return line nozzles to prevent cracking Mods should not be performed before issuance of NUREG-0617 or w/o NRC guidance  
RUBENSTEIN,L S Light Water Reactors Branch 4 80/03/11 2pp

F Security, medical, emergency & fire protection plans

8003190395 Notification of 800320 meeting w/util & Stone & Webster in Bethesda,MD to discuss deviations from APCSB Tech Position 9 5 1 re protection of cable trays outside cable room & isolation/separation of safety-related sys  
HOOD,D Light Water Reactors Branch 4 80/03/05 3pp

8003280088 Notification of 800320 meeting w/util & S&W in Bethesda,MD to discuss selected matters from fire protection rept  
HOOD,D Light Water Reactors Branch 4 80/03/05 3pp

G Inspection reports, If Bulletins & correspondence

8003140017 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120311 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003180003 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190210 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

800320115 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

# DOCKETED ITEMS

275

8003260341 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250411 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260311 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## DOCKET 50-460 WPPBS NUCLEAR PROJECT, UNIT 1

### A Application/construction stage documents & correspondence

8003240042 Notification of 800226-28 meeting w/util at plant sites to review const progress  
LYNCH, M D Light Water Reactors Branch 4 80/02/19 4pp

8003110588 Submits info per NRC 800206 request re endangered & threatened species present in proposed const area No species proposed for endangered list are within area  
MEYER, W H Interior, Dept of Fish & Wildlife Service 80/02/29 4pp

### H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

### G Inspection reports, IE Bulletins & correspondence

8003170139 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generator neutrals are grounded through transformer & current limiting resistors  
RENNBERGER, D L Washington Public Power Supply System 79/11/12 1p

8003110323 Forwards response to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " Approx 80% pipe supports do not require anchors & are attached by bolting into embedded inserts  
RENNBERGER, D L Washington Public Power Supply System 80/01/24 12pp

8003060761 Forwards IE Insp Repts 50-460/79-14 & 50-513/79-14 on 791127-30 & 1210-13 No noncompliance noted  
SPENCER, O B Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/05 2pp

--8003060769 IE Insp Repts 50-460/79-14 & 50-513/79-14 on 791127-30 & 1210-13 No noncompliance noted Major areas inspected const activities re safety-related piping installation, welding activities, welder training, piping vendor & receipt records  
ODDDB, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch HERNANDEZ, O, NARBUT, P P Region 5, San Francisco, Office of the Director 80/02/05 5pp

8003280065 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temp " Contractors to be informed & requested to determine compliance w/recommendations  
RENNBERGER, D L Washington Public Power Supply System 80/02/11 1p

8003280090 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Relays not in use in facility design Review to discover if Class IE contracts contain Westinghouse relays to be completed by 800229  
RENNBERGER, D L Washington Public Power Supply System 80/02/11 1p

8003120299 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140382 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180119 Forwards IF Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260574 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260401 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250144 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260357 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

### S Reportable occurrences, LERs & related correspondence

8003130374 PNO-V-80-001 on 800129, field studies for WNP-2 FSAR identified fault in rock quarry southeast of Kennewick, WA Significance not determined Technical evaluation will be provided in Mar 1980  
BISHOP, J W Region 5, San Francisco, Office of the Director 80/02/15 1p

## DOCKET 50-461 CLINTON POWER STATION, UNIT 1

### A Application/construction stage documents & correspondence

8003170126 Authorizes ASME Code Case N-240, "Hydrostatic Testing of Open Ended Piping, Section III, Div 1," for use in const of components identified in util 791130 ltr  
STOLZ, J F Light Water Reactors Branch 1 80/02/25 1p

8003240131 Requests evaluation of util 800218 application for authority to use ASME Code Cases N-237 & N-241 to exempt certain piping sys for hydrostatic testing  
STOLZ, J F Light Water Reactors Branch 1 80/03/11 1p

8003180583 Comments on NUREG-0313, Revision 1, "Technical Rept on Matl Selection & Processing Guidelines for BWR Coolant Pressure Boundary Piping " Challenges prohibition of carbon steel in reactor pressure boundary Cast stainless steel is resistant  
GIER, J D Illinois Power Co 80/03/12 2pp

8003200455 Requests that NRC expedite review & approval of proposed changes to environ preoperational monitoring program, as discussed in 800228 telcon Late Apr deadline requested  
WULLER, O E Illinois Power Co 80/03/13 2pp

8003180524 Informs that util plans to submit petition to IL Pollution Control Board requesting mod of 1975 alternate thermal std Outlines factors mitigating need for 96 F limit Requests comments  
WULLER, O E Illinois Power Co 80/03/14 2pp

### G Inspection reports, IE Bulletins & correspondence

8003120252 Forwards IE Insp Rept 50-461/80-01 on 800107-10 No noncompliance noted  
FIORELLI, O Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/30 2pp

--8003120257 IE Insp Rept 50-461/80-01 on 800107-10 No noncompliance noted Major areas inspected concrete curing, work observation, review of quality records for mechanical splicing & quality records for protective coating  
HAYES, D W Region 3, Chicago, Reactor Construction & Engineering Support Branch LIVERMORE, H H, HAWKINS, F C Region 3, Chicago, Office of the Director 80/01/29 3pp

## DOCKETED ITEMS

8003120181 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003140229 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06  
1p

8003110129 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003190355 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003110185 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14  
1p

8003310106 Forwards IE Insp Rept 50-461/80-02 on 800129-0201 & 04-03 & notice or violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/26 2pp

--8003310110 Notice of violation from insp on 800129-0201 & 04-03  
Region 3, Chicago, Office of the Director 80/02/22 1p

--8003310114 IE Insp Rept 50-461/80-02 on 800129-0201 & 04-05  
Noncompliance noted failure to provide measures against inadvertent use of obsolete documents & to take prompt corrective action  
KNOPF, R C, WESCOTT, H M, LIVERMORE, H H Region 3, Chicago, Office of the Director 80/02/22 11pp

8003110516 Responds to IE Info Notice 79-36 GE & Sargent & Lundy will investigate computer code problem & relation to possible significant defects in piping stress analysis  
MULLER, Q E Illinois Power Co 80/02/29 1p

8003120372 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
1p

8003260071 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260504 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260302 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p

8003290109 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260256 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

#### S Reportable occurrences, LERs & related correspondence

8003280482 Interim deficiency rept re defective plug welding on swinging dividers of some conversion program sys control room termination cabinets Insufficient info prevents corrective action  
KOCH, L J Illinois Power Co 80/02/26 1p

8003270074 Ack receipt of 800226 interim deficiency rept re GE termination cabinet fire separators  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/13 1p

#### DOCKET 50-462 CLINTON POWER STATION, UNIT 2

##### A Application/construction stage documents & correspondence

8003170126 Authorizes ASME Code Case N-240, "Hydrostatic Testing of Open Ended Piping, Section III, Div 1," for use in const of components identified in util 791130 ltr  
STOLZ, J F Light Water Reactors Branch 1 80/02/25 1p

8003240131 Requests evaluation of util 800218 application for authority to use ASME Code Cases N-237 & N-241 to exempt certain piping sys for hydrostatic testing  
STOLZ, J F Light Water Reactors Branch 1 80/03/11 1p

8003180583 Comments on NUREG-0313, Revision 1, "Technical Rept on Matl Selection & Processing Guidelines for BWR Coolant Pressure Boundary Piping " Challenges prohibition of carbon steel in reactor pressure boundary Cast stainless steel is resistant  
GEIER, J B Illinois Power Co 80/03/12 2pp

8003200455 Requests that NRC expedite review & approval of proposed changes to environ preoperational monitoring program, as discussed in 800228 telcon Late Apr deadline requested  
MULLER, Q E Illinois Power Co 80/03/13 2pp

8003180524 Informs that util plans to submit petition to IL Pollution Control Board requesting mod of 1979 alternate thermal std Outlines factors mitigating need for 96 F limit Requests comments  
MULLER, Q E Illinois Power Co 80/03/14 2pp

##### Q Inspection reports, IF Bulletins & correspondence

8003120181 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01  
1p

8003140229 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06  
1p

8003110129 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003190355 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08  
1p

8003110185 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14  
1p

8003110516 Responds to IE Info Notice 79-36, OF & Sargent & Lundy will investigate computer code problem & relation to possible significant defects in piping stress analysis  
MULLER, Q E Illinois Power Co 80/02/29 1p

8003120372 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29  
1p

8003260071 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

8003260504 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10  
1p

## DOCKETED ITEMS

277

8003260302 Forwards IE Bulletin 80-06, "Engineered Safety Features (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80  
1p

8003250109 Forwards IE Info Notice 80-11, "Generic Problems II, Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/1  
1p

8003260256 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

#### B Reportable occurrences, LERs & related correspondence

8003250482 Interim deficiency rept re defective plug welding on swinging dividers of some conversion program sys control room termination cabinets Insufficient info prevents corrective action  
KOCH, L J Illinois Power Co 80/02/26 1p

8003270074 Ack receipt of 800226 interim deficiency rept re GE termination cabinet fire separators  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/13 1p

#### DOCKET 50-463 FULTON GENERATING STATION, UNIT 1

##### Q Inspection reports, IF Bulletins & correspondence

8003060685 Notifies that NRC intends to route reply forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement & correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

#### DOCKET 50-464 FULTON GENERATING STATION, UNIT 2

##### Q Inspection reports, IE Bulletins & correspondence

8003060685 Notifies that NRC intends to route reply forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement & correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

#### DOCKET 50-465 RINGHALS, UNIT 3

##### P Operating license stage documents & correspondence

8003130228 Submits application to amend licenses adding Gotaverken Angteknik AB as addl intermediate consignee  
DAHLSTRÖM, C G Westinghouse Electric Corp 80/02/13 1p

#### DOCKET 50-466 ALLENS CREEK NUCLEAR STATION, UNIT 1

##### A Application/construction stage documents & correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Units are concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

8003310425 Forwards NRC 800128 & 0211 ltrs to CE discussing analysis of bolloff rates & mods to BWR control rod drive return line nozzles to prevent cracking Mods should not be performed before issuance of NUREG-0619 or w/o NRC guidance  
RUBENSTEIN, L B Light Water Reactors Branch 4 80/03/11 2pp

8003260641 Advises that proposed barge off-loading facility in Brazoria County will not affect sites on Natl Register of Historic Places, based on review of archeological evaluation  
LATIMER, T, BRIDGES, A K Texas, State of 80/03/19 1p

#### G Adjudicatory correspondence

8003060046 Notifies of receipt of TX PIRG answers to util fourth set of interrogatories Requests identification of individuals providing technical knowledge for specified intervenor contention  
COPELAND, J G Baker & Botts 80/02/05 2pp

8003040060 Responds to JF Doherty eleventh set of interrogatories Provides info re gas conductance uncertainty where linear power of fuel rod is constant & uncertainty in function of fuel burn up Certificate of Svc & CH Hearn Affidavit encl  
MOON, C W Light Water Reactors Branch 4 80/02/15 21pp

8003140101 Eighth set of interrogatories directed to applicant Includes questions on control room displays for valves & other remotely controlled instruments, on control room design & on steel-liner bulge Power interchange table encl for updating  
SCOTT, J Texas Public Interest Research Group 80/02/19 7pp

8003140105 Second set of interrogatories & request for documents directed to NRC Requests info re estimated costs increase from \$1 billion to \$2.7 billion caused by NRC requirements & names & qualifications of NRC projected witnesses  
SCOTT, J Texas Public Interest Research Group 80/02/19 1p

8003190151 Decision ALAB-582 affirming ASLB 791120 order which held that R Alexander averments were not sufficient to warrant acceptance of late petition  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/02/22 10pp

8003040331 Response in opposition to JF Doherty 800208 motion to extend discovery beyond 800220 Constructive steps re preparation of affirmative cases, should be taken while awaiting ASLB prehearing conference order Certificate of Svc encl  
SCHINK, S M Hearing Branch 3 80/02/28 4pp

8003070335 Advises that petitions for ALAB-574 review are deemed denied, due to elapse of time for Commission to act on matter  
CHILK, S J Office of the Secretary of the Commission 80/02/28 1p

8003140192 Order denying intervenor JF Doherty 800208 motion to extend discovery beyond 120-day limit Motion failed to specify number of days for which extension is requested  
WOLFE, S J Atomic Safety and Licensing Board Panel 80/02/29 2pp

8003190042 Response to TX PIRG second set of interrogatories & request for production of documents States name of NRC witnesses planning to give testimony re certain of TX PIRG contentions Affidavit & Certificate of Svc encl  
MOON, C W Light Water Reactors Branch 4 80/03/10 5pp

8003250209 Order re admissibility of parties' & petitioners' outstanding contentions re CP proceeding Directs Applicant & NRC to confer w/individual parties re contentions rewording contentions not rephrased by ASLB  
LINENBERGER, G, CHEATUM, E L, WOLFE, S J Atomic Safety and Licensing Board Panel 80/03/10 13pp

8003200068 Order rewording & admitting JF Doherty 791203 Contention 45 & admitting JF Doherty 800108 Contention 46 as is Discovery readmitted contentions shall be initiated immediately & be completed in 120 days Certificate of Svc encl  
WOLFE, S J, LINENBERGER, G Atomic Safety and Licensing Board Panel 80/03/13 8pp

#### H General correspondence

8003310084 FOIA request for documents re safety aspects of nuclear power plants, including fuel rod clad safety, pressure suppression containment sys, recirculation pump overspeed & ATWS  
DOHERTY, J F Doherty, J F 80/01/02 3pp

8003110090 Responds to FOIA requests for documents re plant safety identified by accession & rept number, author, description & number of pages Forwards documents listed in App A Documents 5 & 26 partially withheld (ref FOIA Exemption 4)  
FELTON, J M Division of Rules and Records 80/03/03 8pp



## DOCKETED ITEMS

## DOCKET 50-467 ALLENS CREEK NUCLEAR STATION, UNIT 2

## H General correspondence

8003310090 Responds to FOIA requests for documents re plant safety identified by accession & rept number, author, description & number of pages Forwards documents listed in App A Documents 5 & 26 partially withheld (ref FOIA Exemption 4)  
FELTON, J H Division of Rules and Records 80/03/03 8pp

## DOCKET STN-50-470 CESSAR SYSTEM 80

## A Application/construction stage documents &amp; correspondence

8003280339 Forwards notice of receipt of standardized FSAR for FR publication  
KANE, W F Standardization Branch 80/03/06 1p

--8003280344 Notice of receipt of Standardized FSAR (CESSAR Sys 80)  
KANE, W F Standardization Branch 80/03/06 2pp

## DOCKET 50-471 PILGRIM NUCLEAR POWER STATION, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMF period. Utilities are concerned about availability of NRC resources in coming yr to deal w/related hearings. NRC resources can be optimized.  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

## Q Adjudicatory correspondence

8003190060 Response to ASLB 800118 order requesting statements re emergency planning issue must include Boston, Providence, Cape Cod & Franklin, MA metropolitan areas. Urges transport of spent fuel by barge to SC Certificate of Evc encl.  
CLEETON, A R., CLEETON, M W Intervenor: Cleeton 80/02/01 7pp

8003050425 Statement in response to ASLB 800117 order re emergency planning as proper issue in proceeding. Issue must be litigated prior to CP issuance. FSAR & NRC safety evaluation must be issued prior to hearing. Certificate of Evc encl.  
WRIGHT, F B Massachusetts, State of 80/02/07 8pp

8003060358 Corrects typographical errors & omissions in applicant 800209 statement filed in response to ASLB request re emergency planning as proper issue in hearings.  
LEWALD, O H Ropes & Gray 80/02/14 2pp

## J Insurance &amp; indemnity information

8003030323 Forwards Endorsement 3B to MAELU Policy MF-58  
FOULSHAM, P A Boston Edison Co 80/02/25 2pp

## M Antitrust correspondence

8003260626 Responds to NRC request re necessity of antitrust hearing following MA Municipals' withdrawal of petition to intervene. Antitrust hearing unnecessary re instant application.  
LITVACK, S M Justice, Dept of, Attorney General's Office 80/03/17 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060651 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET 50-472 PILGRIM NUCLEAR POWER STATION, UNIT 3

## I Insurance &amp; indemnity information

8003030323 Forwards Endorsement 3B to MAELU Policy MF-58  
FOULSHAM, P A Boston Edison Co 80/02/25 2pp

## M Antitrust correspondence

8003260626 Responds to NRC request re necessity of antitrust hearing following MA Municipals' withdrawal of petition to intervene. Antitrust hearing unnecessary re instant application.  
LITVACK, S M Justice, Dept of, Attorney General's Office 80/03/17 2pp

## Q Inspection reports, IF Bulletins &amp; correspondence

8003060651 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET STN-50-477 ATLANTIC GENERATING STATION, UNIT 1

## Q Inspection reports, IF Bulletins &amp; correspondence

8003060721 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET STN-50-478 ATLANTIC GENERATING STATION, UNIT 2

## Q Inspection reports, IF Bulletins &amp; correspondence

8003060721 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees.  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET STN-50-482 WOLF CREEK GENERATING STATION

## A Application/construction stage documents &amp; correspondence

8003190116 Advises NRC that evaluation of reactor refueling canal damage has been completed. No effect on safety operations would have resulted if damage had gone undetected. Condition is not judged as reportable deficiency.  
KOEESTER, G L Kansas Gas & Electric Co 80/01/25 1p

8003190139 Informs NRC that investigation & tests have been completed to determine effect of loose spherical bushings in sway struts. Struts will perform design function even w/bushings dislocated. Condition is not reportable deficiency.  
KOEESTER, G L Kansas Gas & Electric Co 80/01/25 1p

8003170039 Advises NRC that broken crane rail event reported to MA Crossman on 800105 has been analyzed. Analysis shows that if broken rail had remained undetected & uncorrected, nuclear safety would not have been affected.  
KOEESTER, G L Kansas Gas & Electric Co 80/01/31 1p

8003190123 Advises NRC that onsite actions re Gulf & Western preassembly formations will begin in near future, but are not expected to be complete for all preassemblies until Jan 1981. NRC personnel may inspect assemblies onsite.  
KOEESTER, G L Kansas Gas & Electric Co 80/01/31 1p

8003190772 Summary of 800208 meeting w/utilities in Bethesda, MD re QA program for design & const.  
LICHTA, E A Light Water Reactors Branch 3 80/02/13 5pp.

8003060166 Application for QL.  
KOEESTER, G L, MCPHEE, D Y, ELLIS, C H Kansas Gas & Electric Co 80/02/19 114pp.

8003190682 Ack receipt of application for QL incorporating general info, FSAR addendum & environ rept. NRC cannot presently perform acceptance review of application due to impact of TMI-2 accident.  
PARR, D D Light Water Reactors Branch 3 80/02/26 3pp

8003170412 Interim status rept re out-of-tolerance threads for N888 lateral support anchor bolt nuts. Results of tests of diameter nuts being analyzed. Unable to conclude reportability of incident until nut strength is evaluated.  
KOEESTER, G L Kansas Gas & Electric Co 80/03/05 2pp

# DOCKETED ITEMS

279

8003310169 Notification of 800401 meeting W/Util in Bethesda, MD to discuss plans for review of OL applications  
LICITRA, E A Light Water Reactors Branch 3 80/03/18 4pp

## C Utility Environmental Report (ER), amends & correspondence

8003060174 Environ rept for Wolf Creek Generating Station, Vol 1  
\* Kansas Gas & Electric Co 80/02/19 800pp

--8003060183 Environ rept for Wolf Creek Generating Station, Vol 2  
\* Kansas Gas & Electric Co 80/02/19 1000pp

## G Adjudicatory correspondence

8003200094 Order granting extension until 800314 for Commission to elect whether to review director's 800131 decision taken under 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 80/03/06 1p

8003200131 Order granting extension until 800321 for Commission to elect whether to review director's 800131 decision denying relief under 10CFR2 206 Certificate of Evc encl  
CHILK, S J Office of the Secretary of the Commission 80/03/14 3pp

8003270055 Order granting extension until 800328 for Commission to elect whether to review director's 800131 decision denying relief under 10CFR2 206  
CHILK, S J Office of the Secretary of the Commission 80/03/20 1p

## K Utility Final Safety Analysis Report (FSAR) & amends

8003060066 Forwards Wolf Creek Generating Station FSAR, Vols 1-5  
KDESTER, O L Kansas Gas & Electric Co 80/02/19 2pp

--8003060070 Wolf Creek Generating Station FSAR, Vols 1-4  
\* Kansas Gas & Electric Co 80/02/19 1000pp

8003060075 Wolf Creek Generating Station FSAR, Chapter 1: "Introduction"  
\* Kansas Gas & Electric Co 80/02/19 15pp

8003060080 Wolf Creek Generating Station FSAR, Chapter 2: "Site Characteristics"  
\* Kansas Gas & Electric Co 80/02/19 3000pp

8003060088 Wolf Creek Generating Station FSAR Chapter 3: "Design of Structures, Components, Equipment & Sys"  
\* Kansas Gas & Electric Co 80/02/19 10pp

8003060101 Wolf Creek Generating Station FSAR, Chapter 4: "Reactor"  
\* Kansas Gas & Electric Co 80/02/19 1p

8003060105 Wolf Creek Generating Station FSAR, Chapter 8: "Electric Power."  
\* Kansas Gas & Electric Co 80/02/19 30pp

8003060119 Wolf Creek Generating Station FSAR, Chapter 9: "Auxiliary Sys"  
\* Kansas Gas & Electric Co 80/02/19 50pp

8003060124 Wolf Creek Generating Station FSAR, Chapter 10: "Steam & Power Conversion Sys"  
\* Kansas Gas & Electric Co 80/02/19 10pp

8003060132 Wolf Creek Generating Station FSAR, Chapter 11: "Radwaste Mgt"  
\* Kansas Gas & Electric Co 80/02/19 20pp

8003060140 Wolf Creek Generating Station FSAR, Chapter 12: "Radiation Protection"  
\* Kansas Gas & Electric Co. 80/02/19 28pp

8003060145 Wolf Creek Generating Station FSAR, Chapter 13: "Conduct of Operations"  
\* Kansas Gas & Electric Co 80/02/19 100pp

8003060152 Wolf Creek Generating Station FSAR, Chapter 14: "Initial Test Program"  
\* Kansas Gas & Electric Co 80/02/19 22pp

8003060159 Wolf Creek Generating Station FSAR, Chapter 17: "QA"  
\* Kansas Gas & Electric Co 80/02/19 60pp

8003060192 Wolf Creek Generating Station FSAR, Ref Documents emergency plan & fire plan  
\* Kansas Gas & Electric Co 80/02/19 100pp

## G Inspection reports, IF Bulletins & correspondence

8003130033 Responds to IF Bulletin 79-02, Revision 1 Initial 790705 response resolves NRC concerns re use of concrete expansion anchor bolts for pipe support base plates Util does not use expansion anchors in concrete or structural steel members  
PETRICK, N A Standardized Nuclear Unit Power Plant System 80/01/03 1p

8003140024 Responds to IE Bulletin 79-28 Investigation re planned use of NAMCO EA180 switches for SNUPPS facilities not complete Investigation results & corrective actions will be submitted in 3-4 wks  
PETRICK, N A Standardized Nuclear Unit Power Plant System 80/02/01 1p

8003280489 Forwards IE Insp Rept 50-482/80-02 on 800128-31 No noncompliance noted  
SEIDLE, N C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003280492 IE Insp Rept 50-482/80-02 on 800128-29 No noncompliance noted Major areas inspected licensee action on previous findings, allegations re quality of work & applicable IE bulletins  
CROSSMAN, W A , FLOYD, L L , OSERO, C R Region 4, Dallas, Office of the Director 80/02/13 7pp

8003140020 Forwards IE Info Notice 80-06: "Notification of Significant Events" No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120313 Forwards IE Info Notice 80-07: "Pump Shaft Fatigue Cracking" No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003180005 Forwards IE Info Notice 80-10: "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190218 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block" No specific action or response requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260120 Forwards IE Info Notice 80-09: "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260584 Forwards IE Bulletin 80-05: "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260348 Forwards IE Bulletin 80-06: "Engineered Safety Feature (ESF) Reset Controls" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250135 Forwards IE Info Notice 80-11: "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260318 Forwards IE Circular 80-04: "Securing of Threaded Locking Devices on Safety-Related Equipment" No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

## DOCKETED ITEMS

8003260644 Informs that C-E 791026 amend to rept on IE Bulletin 78-12, "Atypical Weld Matl in Reactor Pressure Vessel Welds," should be considered part of util bulletin response  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

#### S Reportable occurrences, IERs & related correspondence

8003250389 Ack receipt of 791206 transmittal of final deficiency rept re undetectable failure in engineered safety features actuation sys  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/31 1p

--8003250393 Deficiency rept on 791107, util informed NRC of undetectable failure in engineered safety features actuation sys  
Corrective action to detect failure by testing sequence will be incorporated into plant procedures Westinghouse ltr encl  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
79/12/06 2pp

8003190100 Forwards final deficiency rept re defective fire dampers  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/02/15 1p

--8003190109 Final deficiency rept re defective vertical fire dampers  
All fire damper units will be modified & operationally cycled prior to or during installation  
\* Bechtel Power Corp (subs of Bechtel Corp) 80/02/12 5pp

8003260638 Informs that SNUPPS util is investigating hardware changes to preclude need for tests to correct deficiency in engineered safety features actuation sys Tests will be made part of plant procedures if changes are not feasible  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

#### DOCKET SYN-50-483 CALLOWAY PLANT, UNIT 1

##### A Application/construction stage documents & correspondence

8003190772 Summary of 800208 meeting w/util in Bethesda, MD re QA program for design & const  
LICITRA, E A Light Water Reactors Branch 3 80/02/13 5pp

8003110623 Forwards 800208 announcement re current projections of customer demands, indicating that facility will provide adequate generating capacity through 1987  
BRYAN, J K Union Electric Co 80/02/22 3pp

8003110149 Notification of 800401 meeting w/util in Bethesda, MD to discuss plans for review of OL applications  
LICITRA, E A Light Water Reactors Branch 3 80/03/18 4pp

##### F Security, medical, emergency & fire protection plans

8003210560 Forwards State of MD 800306 ltr to util re evacuation times for individuals living near facilities, in response to NRC 791226 request Time estimates include peak population estimates for either day or night  
SCHNELL, D F Union Electric Co 80/03/12 11pp

##### H General correspondence

8003240025 Forwards NRC 800204 ltr to Hearn H/o encl  
FROELICH, R W Environmental Projects Branch 1 80/02/11 2pp

##### M Antitrust correspondence

8003140216 Ack receipt of 800121 info for antitrust review of OL application Forwards notice for publication in FR & listed newspapers & trade journals  
PARR, D D Light Water Reactors Branch 3 80/02/26 2pp

--8003140219 Notice of receipt of util 800121 info for antitrust review of OL application  
PARR, D D Light Water Reactors Branch 3 80/02/26 2pp

8003240012 Notifies that util by 800121 ltr filed info for antitrust review of OL application Portion of application attains antitrust info for review pursuant to NRC Reg Gu e 9.3  
Forwards FR notice  
PARR, D D Light Water Reactors Branch 3 80/02/26 1p

##### G Inspection reports, IE Bulletins & correspondence

8003130033 Responds to IE Bulletin 79-02, Revision 1 Initial 790705 response resolves NRC concerns re use of concrete expansion anchor bolts for pipe support base plates Util does not use expansion anchors in concrete or structural steel members  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/01/03 1p

8003120192 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140024 Responds to IE Bulletin 79-28 Investigation re planned use of NAMCO EA180 switches for SNUPPS facilities not complete Investigation results & corrective actions will be submitted in 3-4 wks  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/02/01 1p

8003140254 Forwards IE Bulletin 80-03, "Loss of Charcoal from St. Type II, Two-Inch, Tray Adsorber Cells " Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110147 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190367 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003040012 Ack receipt of util 800129 ltr re steps taken to correct items of noncompliance noted in IE Insp Rept 50-483/79-12  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

--8003040018 Responds to NRC 800104 ltr re violations noted in IE Insp Rept 50-483/79-12 Corrective action addl installation recommendations have been obtained from cable tray manufacturer  
BRYAN, K Union Electric Co 80/01/29 3pp

8003110193 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120428 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/27 1p

8003260515 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260554 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

800326073 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250122 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260272 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

# DOCKETED ITEMS

281

8003260444 Informs that C-E 791026 amend to rept on IE Bulletin 78-12, "Atypical Weld Matl in Reactor Pressure Vessel Welds," should be considered part of util bulletin response  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

## S Reportable occurrences, LERs & related correspondence

8003250389 Ack receipt of 791206 transmittal of final deficiency rept re undetectable failure in engineered safety features actuation sys  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/31 1p

--8003250393 Deficiency rept on 791107, util informed NRC of undetectable failure in engineered safety features actuation sys  
Corrective action to detect failure by testing sequence will be incorporated into plant procedures Westinghouse ltr encl  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
79/12/06 2pp

8003190100 Forwards final deficiency rept re defective fire dampers  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/02/15 1p

--8003190109 Final deficiency rept re defective vertical fire dampers  
All fire damper units will be modified & operationally cycled prior to or during installation  
\* Bechtel Power Corp (subs of Bechtel Corp) 80/02/12 5pp

8003260638 Informs that SNUPPS utils are investigating hardware changes to preclude need for tests to correct deficiency in engineered safety features actuation sys Tests will be made part of plant procedures if changes are not feasible  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

## DOCKET STN-50-485 STERILIZING POWER PROJECT NUCLEAR, UNIT 1

### A Application/construction stage documents & correspondence

8003190772 Summary of 800208 meeting w/utills in Bethesda, MD re QA program for design & const  
LICITRA, E A Light Water Reactors Branch 3 80/02/13 5pp

### G Adjudicatory correspondence

8003060223 Forwards NY State Board on Electric Generation Siting & Environ 800211 opinion / order vacating previously granted certificate Denies application & closes proceeding  
VOIGT, H H LeBoeuf, Lamb, Leiby & MacRae 80/02/14 31pp

8003070316 Notifies that C Kepford will represent intervenors in facility proceedings No witnesses presented in Radon-222 proceedings On 800220 intervenors will advise ASLAR on intentions to request subpoena for TWA pilot Svc list encl  
KEPFORD, C Affiliation Unknown 80/02/15 3pp

8003070312 Advises of 800214 telcon w/licenses & intervenors Agreement reached on direct testimony & cross-examination re radon release issue Submits order of presentation for ASLAR approval  
BORDENICK, B M Hearing Branch 4 80/02/20 2pp

8003060462 Notifies that NRC witness RM Walde has revised 800118 testimony as result of BNWL draft rept re recent measurements of radon releases from underground mining  
Revised testimony encl  
BORDENICK, B M Hearing Branch 4 80/02/22 2pp

--8003060476 Revised testimony re alleged deficiencies involving reclamation of worked-out U mines & long-term radon release from worked-out U mines  
WILDE, R M Division of Fuel Cycle & Material Safety 80/02/22 17pp

8003180243 Order directing applicants to file findings of fact & conclusions of law by 800428, intervenors by 800528 & NRC by 800612, per parties agreement re radon issue. Responses may be filed on 800627 Parties may address ALAB-562  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/07 2pp

8003170045 Forwards NUREG/CR-0427, PNL-2888 revision re RN-222 emissions from underground U mines & NUREG/CR-0428, PNL-2889 revision re prediction of net radon emission from model open pit U mine W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

8003250357 Forwards papers appearing in Health Physics re contaminated pasture & erosional behavior of Cs-137, per CR Kepford request at evidentiary hearings re radon release issue  
BORDENICK, B M Hearing Branch 4 80/03/18 1p

## G Inspection reports, IE Bulletins & correspondence

8003060760 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003130033 Responds to IE Bulletin 79-02, Revision 1 Initial 790705 response resolves NRC concerns re use of concrete expansion anchor bolts for pipe support base plates Util does not use expansion anchors in concrete or structural steel members  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/01/03 1p

8003140024 Responds to IF Bulletin 79-28 Investigation re planned use of NAMCO EA180 switches for SNUPPS facilities not complete Investigation results & corrective actions will be submitted in 3-4 wks  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/02/01 1p

8003120562 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003190287 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260367 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260461 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260172 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003250367 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260076 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260644 Informs that C-E 791026 amend to rept on IE Bulletin 78-12, "Atypical Weld Matl in Reactor Pressure Vessel Welds," should be considered part of util bulletin response  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

## S Reportable occurrences, LERs & related correspondence

8003250389 Ack receipt of 791206 transmittal of final deficiency rept re undetectable failure in engineered safety features actuation sys  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/31 1p

--8003250393 Deficiency rept on 791107, util informed NRC of undetectable failure in engineered safety features actuation sys  
Corrective action to detect failure by testing sequence will be incorporated into plant procedures Westinghouse ltr encl  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
79/12/06 2pp

## DOCKETED ITEMS

--8003250397 Discusses undetectable failure in engineered safety features actuation sys failure of P-4 permissive circuit in both redundant protection trains could result in failure of sys to automatically initiate protective function Details encl ANDERSON, T M Westinghouse Electric Corp 79/11/07 13pp

8003260438 Informs that SNUPPS util is investigating hardware changes to preclude need for tests to correct deficiency in engineered safety features actuation sys Tests will be made part of plant procedures if changes are not feasible PETRICK, N A Standardized Nuclear Unit Power Plant System 80/03/20 1p

#### T Hearing transcripts on non-antitrust matters

8003040261 Transcript of 800226 evidentiary hearing in Harrisburg, PA re radon release issue Pp 1-225 ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel 80/02/26 225pp

8003040272 Transcript of 800227 evidentiary hearing in Harrisburg, PA re radon release issue Pp 226-437 ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel 80/02/27 211pp

8003040037 Transcript of 800228 evidentiary hearing in Harrisburg, PA re radon release issue Pp 438-529 ROSENTHAL, A S Atomic Safety and Licensing Appeal Panel 80/02/28 91pp

#### DOCKET STN-80-486 CALLOWAY PLANT, UNIT 2

#### A Application/construction stage documents & correspondence

8003190772 Summary of 800208 meeting w/util in Bethesda, MD re QA program for design & const LICITRA, E A Light Water Reactors Branch 3 80/02/13 5pp

8003110623 Forwards 800208 announcement re current projections of customer demands, indicating that facility will provide adequate generating capacity through 1987 BRYAN, J K Union Electric Co 80/02/22 3pp

8003310169 Notification of 800401 meeting w/util in Bethesda, MD to discuss plans for review of GL applications LICITRA, E A Light Water Reactors Branch 3 80/03/18 4pp

#### F Security, medical, emergency & fire protection plans

8003210500 Forwards State of MD 800306 ltr to util re evacuation times for individuals living near facilities, in response to NRC 791226 request Time estimates include peak population estimates for either day or night SCHNELL, D F Union Electric Co 80/03/12 11pp

#### G Adjudicatory correspondence

8003310011 Forwards NRC 800310 interim decision under 10CFR2 206, deferring decision on PSC of MD request for suspension of CP NRC will resume consideration of request after PSC hearing determination DENTON, H R Office of Nuclear Reactor Regulation 80/03/10 3pp

8003310006 Forwards NRC 800310 interim decision (under 10CFR2 206), deferring decision on PSC on MD request for suspension of CP NRC will resume consideration of request after PSC hearing determination DENTON, H R Office of Nuclear Reactor Regulation 80/03/12 2pp

--8003310008 Interim decision under 10CFR2 206, deferring decision on PSC of MD request for suspension of CP, pending outcome of state proceedings on util generation expansion program DENTON, H R Office of Nuclear Reactor Regulation 80/03/10 8pp

--8003310010 Notice of issuance & availability of NRC 800310 interim decision under 10CFR2 206, deferring decision on PSC of MD request for suspension of CP, pending outcome of state proceeding on util expansion program DENTON, H R Office of Nuclear Reactor Regulation 80/03/10 1p

8003310240 Order granting extension until 800407 for Commission to elect whether to review interim decision taken on 800310 request for enforcement action CHILK, S J Office of the Secretary of the Commission 80/03/25 1p

#### H General correspondence

8003240025 Forwards NRC 800204 ltr to Hearne w/o encl FROELICH, R W Environmental Projects Branch 1 80/02/11 2pp

#### M Antitrust correspondence

8003140216 Ack receipt of 800121 info for antitrust review of DL application Forwards notice for publication in FR & listed newspapers & trade journals PARR, D D Light Water Reactors Branch 3 80/02/26 2pp

--8003140219 Notice of receipt of util 800121 info for antitrust review of DL application PARR, D D Light Water Reactors Branch 3 80/02/26 2pp

8003240012 Notifies that util by 800121 ltr filed info for antitrust review of DL application Portion of application contains antitrust info for review pursuant to NRC Reg Guide 9.3 Forwards FR notice PARR, D D Light Water Reactors Branch 3 80/02/26 1p

#### Q Inspection reports, IE Bulletins & correspondence

8003130033 Responds to IE Bulletin 79-02, Revision 1 Initial 790705 response resolves NRC concerns re use of concrete expansion anchor bolts for pipe support base plates Util does not use expansion anchors in concrete or structural steel members PETRICK, N A Standardized Nuclear Unit Power Plant System 80/01/03 1p

8003120192 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140024 Responds to IE Bulletin 79-28 Investigation re planned use of NAMCO FA180 switches for SNUPPS facilities not complete Investigation results & corrective actions will be submitted in 3-4 wks PETRICK, N A Standardized Nuclear Unit Power Plant System 80/02/01 1p

8003140254 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110147 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190367 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003040012 Ack receipt of util 800129 ltr re steps taken to correct items or noncompliance noted in IE Insp Rept 80-483/79-12 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/12 1p

8003110193 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" No written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003120428 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking" No response required KEPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003260515 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation" No specific action or response required KEPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260554 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks" Action & written response required KEPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

# DOCKETED ITEMS

283

8003260323 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13  
1p

8003250122 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260272 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14  
1p

8003260644 Informs that C-E 791026 amend to rept on IE Bulletin 78-12, "Atypical Weld Matl in Reactor Pressure Vessel Welds," should be considered part of util bulletin response  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

S Reportable occurrences, LERs & related correspondence

8003250389 Ack receipt of 791206 transmittal of final deficiency rept re undetectable failure in engineered safety features actuation sys  
CARLSON, R T Region 1, Philadelphia, Reactor Construction & Engineering Support Branch 80/01/31 1p

--8003250393 Deficiency rept on 791107, util informed NRC of undetectable failure in engineered safety features actuation sys  
Corrective action to detect failure by testing sequence will be incorporated into plant procedures Westinghouse ltr encl  
PETRICK, N H Standardized Nuclear Unit Power Plant System  
79/12/06 2pp

8003190100 Forwards final deficiency rept re defective fire dampers  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/02/15 1p

--8003190109 Final deficiency rept re defective vertical fire dampers  
All fire damper units will be modified & operationally cycled prior to at during installation  
\* Bechtel Power Corp (subs of Bechtel Corp ) 80/02/12 5pp

8003260638 Informs that SNUPPS utils are investigating hardware changes to preclude need for tests to correct deficiency in engineered safety features actuation sys Tests will be made part of plant procedures if changes are not feasible  
PETRICK, N A Standardized Nuclear Unit Power Plant System  
80/03/20 1p

DOCKET BTN-50-488 PERKINS NUCLEAR STATION, UNIT 1

A Application/construction stage documents & correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Utils are concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
GPREA, G W Houston Lighting & Power Co 80/02/28 2pp

G Adjudicatory correspondence

8003040324 Partial initial decision ratifying 780714 & 1027 partial initial decisions, LBP-78-25 & LBP-78-34, re Rn-222 & other related issues Concludes no site obviously superior to site proposed on Yadkin River  
JORDAN, W H, DE SYLVA, D P, BOWERS, E S Atomic Safety and Licensing Board Panel 80/02/22 46pp

G Inspection reports, IE Bulletins & correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAMCO EA180 limit switches from affected production period are used or planned for use  
DAILEY, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180049 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp.

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250553 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

DOCKET BTN-50-489 PERKINS NUCLEAR STATION, UNIT 2

A Application/construction stage documents & correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Utils are concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
GPREA, G W Houston Lighting & Power Co 80/02/28 2pp

G Adjudicatory correspondence

8003040324 Partial initial decision ratifying 780714 & 1027 partial initial decisions, LBP-78-25 & LBP-78-34, re Rn-222 & other related issues Concludes no site obviously superior to site proposed on Yadkin River  
JORDAN, W H, DE SYLVA, D P, BOWERS, E S Atomic Safety and Licensing Board Panel 80/02/22 46pp

G Inspection reports, IE Bulletins & correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys," No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/01/31 2pp

## DOCKETED ITEMS

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAMCO EA180 limit switches from affected production period are used or planned for use  
DAIL, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180049 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250553 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET STN-50-490 PERKINS NUCLEAR STATION, UNIT 3

## A Application/construction stage documents &amp; correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period. Units are concerned about availability of NRC resources in coming yr to deal w/unrelated hearings. NRC resources can be optimized.  
OPREA, Q W Houston Lighting & Power Co 80/02/28 2pp.

## Q Adjudicatory correspondence

8003040324 Partial initial decision ratifying 780714 & 1027 partial initial decisions, LBP-78-25 & LBP-78-34, re Rn-22R & other related issues. Concludes no site obviously superior to site proposed on Yadkin River.  
JORDAN, W H, DE SYLVIA, D P, BOWERS, E S Atomic Safety and Licensing Board Panel 80/02/22 46pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAMCO EA180 limit switches from affected production period are used or planned for use  
DAIL, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180049 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250553 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET STN-50-491 CHEROKEE NUCLEAR STATION, UNIT 1

## Q Inspection reports, IE Bulletins &amp; correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAMCO EA180 limit switches from affected production period are used or planned for use  
DAIL, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp.

# DOCKETED ITEMS

2

8003180049 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003250026 Ack receipt of 800122 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/08 1p

--8003250040 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20, & 50-493/79-20 Corrective actions samples taken, nonconforming item report written & computer tickler sys implemented  
DAIL, L C Duke Power Co 80/01/22 1p

--8003250048 Forwards IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/27 2pp

--8003250065 Notice of violation from insp on 791205-07  
\* Region 2, Atlanta, Office of the Director 79/12/26 1p

--8003250074 IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 Noncompliance noted failure to obtain samples of concrete aggregates within six-month period  
CONLON, T C Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHAN, J J Region 2, Atlanta, Office of the Director 79/12/26 5pp

8003060187 Ack receipt of IE Insp Repts 50-491/80-01, 50-492/80-01 & 50-493/80-01 No proprietary info  
DAIL, L C Duke Power Co 80/02/11 1p

--8003060217 Forwards IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp

--8003060225 IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted Major areas inspected QA program implementation, containment & related steel structures & supports  
RAUSCH, J K Region 2, Atlanta, Office of the Director HUNT, M D Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 4pp

8003200606 Ack receipt of 800122 & 0215 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
DAIL, L C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003200610 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 Corrective actions concrete aggregate samples taken, nonconforming item report written & computerized Tickler sys implemented  
DAIL, L C Duke Power Co 80/01/15 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250553 Forwards IE Info Notice 80-11 "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

## DOCKET STN-50-492 CHEROKEE NUCLEAR STATION, UNIT 2

Q Inspection reports, IE Bulletins & correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAMCO EA180 limit switches from affected production period are used or planned for use  
DAIL, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type 11, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180049 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003250026 Ack receipt of 800122 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/08 1p

--8003250040 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20, & 50-493/79-20 Corrective actions samples taken, nonconforming item report written & computer tickler sys implemented  
DAIL, L C Duke Power Co 80/01/22 1p

--8003250048 Forwards IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/27 2pp

--8003250065 Notice of violation from insp on 791205-07  
\* Region 2, Atlanta, Office of the Director 79/12/26 1p

--8003250074 IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 Noncompliance noted failure to obtain samples of concrete aggregates within six-month period  
CONLON, T C Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHAN, J J Region 2, Atlanta, Office of the Director 79/12/26 5pp

8003060187 Ack receipt of IE Insp Repts 50-491/80-01, 50-492/80-01 & 50-493/80-01 No proprietary info  
DAIL, L C Duke Power Co 80/02/11 1p

--8003060217 Forwards IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp



## DOCKETED ITEMS

--8003060225 IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted Major areas inspected GA program implementation, containment & related steel structures & supports  
RAUSCH, J K Region 2, Atlanta, Office of the Director HUNT, M D  
Region 2, Atlanta, Reactor Construction & Engineering Support  
Branch 80/02/06 4pp

8003200606 Ack receipt of 800122 & 0215 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
DAIL, L C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003200610 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 Corrective actions concrete aggregate samples taken, nonconforming item rept written & computerized Tickler sys implemented  
DAIL, L C Duke Power Co 80/01/15 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

8003250553 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 2pp

DOCKET SYN-50-493 CHEROKEE NUCLEAR STATION, UNIT 3  
O Inspection reports, IE Bulletins & correspondence

8003170013 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 2pp

8003190087 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003210159 Responds to IE Bulletin 79-28 No NAKCO EA180 limit switches from affected production period are used or planned for use  
DAIL, L C Duke Power Co 80/02/05 1p

8003180130 Forwards IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two-Inch, Tray Adsorber Cells " Action required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/06 2pp

8003180049 Forwards IE Bulletin 80-04, "Analysis of PHR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190398 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003250026 Ack receipt of 800122 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/08 1p

--8003250040 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 Corrective actions concrete aggregate samples taken, nonconforming item report written & computer tickler sys implemented  
DAIL, L C Duke Power Co 80/01/22 1p

--8003250048 Forwards IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 & notice of violation  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 79/12/27 2pp

--8003250065 Notice of violation from insp on 791205-07  
\* Region 2, Atlanta, Office of the Director 79/12/26 1p

--8003250074 IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 on 791205-07 Noncompliance noted failure to obtain samples of concrete aggregates within six-month period  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHEM, J J Region 2, Atlanta, Office of the Director 79/12/26 5pp

8003060187 Ack receipt of IE Insp Repts 50-491/80-01, 50-492/80-01 & 50-493/80-01 No proprietary info  
DAIL, L C Duke Power Co 80/02/11 1p

--8003060217 Forwards IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 2pp

--8003060225 IE Insp Repts 50-491/80-01 & 50-492/80-01 & 50-493/80-01 on 800109-11 No noncompliance noted Major areas inspected GA program implementation, containment & related steel structures & supports  
RAUSCH, J K Region 2, Atlanta, Office of the Director HUNT, M D  
Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/06 4pp

8003200606 Ack receipt of 800122 & 0215 ltrs informing NRC of steps taken to correct violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20  
DAIL, L C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/27 1p

--8003200610 Responds to NRC 791227 ltr re violations noted in IE Insp Repts 50-491/79-20, 50-492/79-20 & 50-493/79-20 Corrective actions concrete aggregate samples taken, nonconforming item rept written & computerized Tickler sys implemented  
DAIL, L C Duke Power Co 80/01/15 1p

8003180318 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003180300 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003270037 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260211 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 2pp

# DOCKETED ITEMS

287

8003250593 Forwards 16 Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2: Atlanta, Office of the Director 80/03/14 1p

8003260157 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
O'REILLY, J P Region 2: Atlanta, Office of the Director 80/03/14 2pp

## DOCKET 80-495 SWEESAR-P1

B Utility Preliminary Safety Analysis Report, amends

8003140198 Forwards Amend 42 to SWEESAR-P1 for NRC review  
KENNEDY, W J Stone & Webster Engineering Corp 80/03/17 2pp

--8003140201 Amend 42 to SWEESAR-P1  
\* Stone & Webster Engineering Corp 80/03/17 8pp

## H General correspondence

8003240359 Forwards affidavit attesting to distribution of Amend 42 to SWEESAR-P1  
KENNEDY, W J Stone & Webster Engineering Corp 80/03/25 2pp

## DOCKET 80-496 MONTAGUE NUCLEAR POWER STATION, UNIT 1

P Operating license stage documents & correspondence

8003110418 Submits comments on "Criteria for Util Mgt & Technical Competence," re recommendations of post-TMI accident investigative groups NRC should define broad criteria & organizational structure to allow adequate license latitude  
COUNSIL, W G Northeast Utilities 80/03/01 7pp

## G Inspection reports, IE Bulletins & correspondence

8003060670 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET 80-497 MONTAGUE NUCLEAR POWER STATION, UNIT 2

P Operating license stage documents & correspondence

8003110418 Submits comments on "Criteria for Util Mgt & Technical Competence," re recommendations of post-TMI accident investigative groups NRC should define broad criteria & organizational structure to allow adequate license latitude  
COUNSIL, W G Northeast Utilities 80/03/01 7pp

## G Inspection reports, IE Bulletins & correspondence

8003060670 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director, 79/11/29 1p

## DOCKET 80-498 SOUTH TEXAS PROJECT, UNIT 1

A Application/construction stage documents & correspondence

8003130548 Requests clarification of NRC position on deletion of emergency boration sys described in 781007 FBAR, Amend 2  
TURNER, E A Houston Lighting & Power Co 80/02/28 2pp

## F Security, medical, emergency & fire protection plans

8003030404 Requests further extension for providing guard training & qualification plan Extension will allow ample time for NRC review of security plan & facilitate efforts to write complete guard training qualification plan  
TURNER, E A Houston Lighting & Power Co 80/02/25 1p

## G Adjudicatory correspondence

8003060660 Motion for protective order compelling Citizens Concerned About Nuclear Power to respond to 800125 interrogatories Interrogatories were due on 800225 Certificate of Svc encl BIDDLE, C T, NEWMAN, J R Houston Lighting & Power Co BIDDLE, C T Baker & Botts 80/02/25 4pp

8003070012 Order denying applicants' 800225 motion to compel Citizens Concerned About Nuclear Power to respond to 800125 interrogatories Responses not required until 800227 per ASLB 790803 order  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/02/28 1p

8003130002 Order granting extension until 800331 for Citizens Concerned About Nuclear Power to answer applicants' 800125 interrogatories  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/03/05 1p

8003100053 Advises that NRC takes no position re Citizens Concerned About Nuclear Power 800302 motion for addl time to respond to applicants' 800125 interrogatories  
MCGURREN, H J Hearing Branch 1 80/03/06 1p

8003280655 Memorandum & order re applicants' & NRC 800129 motions to compel further answers to interrogatories Requests basis for protective order re Contentions 1, 2 & 4 & to provide answers re Contentions 5, 6, 7 Motions re Contention 8 denied  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/03/07 13pp

## H General correspondence

8003190948 Expresses gratitude for N Himel efforts in organizing 800228 Informative meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/05 1p

8003190950 Expresses gratitude for R Watt efforts in organizing 800229 meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/05 1p

8003190958 Expresses gratitude for M Human efforts in organizing 800226 meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/05 1p

## M Antitrust correspondence

8003030146 Application for issuance of encl subpoenas for testimony directed to GW Beams, B Newman, GC Campbell & D Wright & encl subpoenas for documents directed to GW Beams, B Newman & GC Campbell Supplements 791203 subpoenas W/Certificate of Svc PARMENTER, F H Justice, Dept of 80/02/05 22pp

8003190622 Confirms 800208 statement made during Oerbar deposition JA Bruggeman, D Chalker, ME Fata, GH King, WC Price & JH Turk are intended to be called by Central & South West Cos, as fact witnesses DD Jordan & TL Austin may be adverse witnesses  
STAHL, D M Isham, Lincoln & Beale 80/02/11 2pp

8003050179 Discovery rept for Jan 1980 Participated in Houston Lighting & Power deposition of G Harrison No other discovery activities initiated or received Certificate of Svc encl WILSON, W R San Antonio, TX WILSON, W R Matthews, Nowlin, Macfarlane & Barrett 80/02/12 4pp

8003030137 Application for issuance of encl subpoenas for deposition & documents directed to JH Turk of Southwestern Electric Power Co, ME Fata of PSC of OK & D Chalker of Central Power & Light Co re antitrust practices Certificate of Svc encl GREEN, D O. Houston Lighting & Power Co 80/02/13 27pp

8003040278 Response in opposition to Houston Lighting & Power request for production of documents Urges issuance of protective order & extension until 800227 to respond to second set of interrogatories Certificate of Svc encl STAHL, D M Central & Southwest Corp STAHL, D M Isham, Lincoln & Beale 80/02/15 7pp

8003240540 Advises that no response received to NRC 800208 ltr re deposition scheduling for J Meyer of Houston Lighting & Power  
CHANANIA, F D Office of the Executive Legal Director 80/02/15 1p

8003030081 Confirms 800227 conversation re BB Phillips 800227 deposition  
POIRIER, M R Spiegel & McDiarmid 80/02/19 1p

## DOCKED ITEMS

- 8003030153 Confirms 800218 telcon on behalf of Public Utilis Board of City of Brownsville, TX, responding to B Jablon 800207 ltr Reply to Houston Lighting & Power interrogatories by 800218 impossible  
POIRIER, M R Spiegel & McDiarmid 80/02/19 1p
- 8003030153 Application for issuance of encl subpoena directed to R Frame of Transcomm, Inc re analysis & conclusions concerning antitrust economic evaluation & electric util practices Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/02/21 11pp
- 8003060402 Forwards WE Scott documents per ASLB 800214 order & DOJ 800221 motion for protective order re certain of TX Util Co Sys documents  
DOFSDVIC, D A Justice, Dept of 80/02/21 2pp
- 8003060406 Motion for issuance of encl protective order re certain of TX Util Co Sys documents dealing w/budgets for new transmission lines between Dallas Power & Light & TX Electric Svc Certificate of Svc encl  
DOFSDVIC, D A Justice, Dept of 80/02/21 9pp
- 8003130076 Order granting extension until 800229 for Central & South West Corp to respond to Houston Lighting & Power 1st set of interrogatories Directs Central to produce documents by 800313 Fact discovery shall be completed on 800114  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 2pp
- 8003060238 Motion to compel NRC expert witnesses to respond to licensee questions re consultations w/NRC Consultations between attys & expert witnesses discoverable per ASLB 790625 & 1023 orders Supporting documentation & Certificate of Svc encl  
GREEN, D O Houston Lighting & Power Co 80/02/22 47pp
- 8003060656 Objection to Public Util Board of City of Brownsville, TX second set of interrogatories & request for production of documents Urges issuance of protective order or relief from Specifications (a) & (b) & 4-5 W/Certificate of Svc encl  
STAHL, D M Central & Southwest Corp STAHL, D M Isham, Lincoln & Beale 80/02/22 8pp
- 8003130056 Order denying City of Brownsville 800201 motion to compel RH Hardy deposition Alternate application for issuance of subpoena granted Precise factual & medical info required  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/22 2pp
- 8003190963 Forwards documents re W Mayben testimony in previous proceedings Copying costs will be billed separately  
POIRIER, M R Spiegel & McDiarmid 80/02/22 1p
- 8003040271 Third set of requests for production of documents directed to Central Power & Light, re actual & possible interconnections between Public Utilis Board of City of Brownsville, TX & other utilis Certificate of Svc encl  
GREEN, D O Houston Lighting & Power Co 80/02/25 7pp
- 8003200034 Advises of agreement reached between Houston Lighting & Power & DOJ re util 800212 motion to compel DOJ further responses to first set of interrogatories & requests for production of documents Certificate of Svc encl  
BOUKNIGHT, J A Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/25 6pp
- 8003250483 Response to Houston Lighting & Power 800201 first requests for production of documents Major set of documents already produced w/NRC responses to second fourth sets of interrogatories Certificate of Svc encl  
CHANANIA, F D HODGSON, A P Antitrust Division 80/02/25 5pp
- 8003030072 Discovery rpt for Jan-Feb 1980 Participated in Austin, Hulsey, Brittain, Spence, Hebb & Gerb r depositions Responded to Houston Lighting & Power summary disposition appeals & discovery requests Prepared direct case  
LEBBY, R P, CHANANIA, F D, BLUME, M B Antitrust Division 80/02/26 2pp
- 8003030129 Updated response as of 800226 to TX Utilis Generating Co first set of interrogatories & request for production of documents Majority of matls responsive to request available in previous filings Certificate of Svc encl  
CHANANIA, F D Antitrust Division 80/02/26 8pp
- 8003050190 Protective order in favor of TX Utilis Co Sys on confidential documents produced to DOJ re gas supply contract & budgets of 1975-79 new transmission lines Lists eight restrictions Documents will be returned to util  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 5pp
- 8003050195 Order granting extension for NRC to file instant motion modifying ASLB 800201 subpoena directed to keeper of records of Transcomm, Inc upon Houston Lighting & Power application  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 1p
- 8003030095 Advises of Woodson 800311 deposition at TX Public Utilis Commission, Austin, TX  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003040667 Requests to be notified if listing of Durham, Hastings, Helyer, Meyer, Opera, Simmons, Peterson, Phillips, Watson, Paston & Siegel in as fact witnesses is incomplete or erroneous  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003250328 Second set of addl responses to DOJ 781130 interrogatories, per ASLB 780621 prehearing conference directive Includes info re Staggs Sys 791217 study of economic evaluation of expansion plans re alternative generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003250333 Second set of addl answers to NRC 790115 initial interrogatories, per ASLB 780621 prehearing conference directive Includes info re Staggs Sys role in wholesale transactions & economic study of generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/27 5pp
- 8003250339 Supplemental answers to Central Power & Light 780727 first interrogatories, per ASLB 780621 prehearing conference directive Includes info re Public Utilis Board of City of Brownsville, TX interest in purchasing base load W/Affidavit  
FRANKLIN, W J Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/27 4pp
- 8003070332 Confirms agreement to conduct Atkins, Smith, Sprawls & Bondurant depositions on 800305 AM, 0305 PM, 0306 AM & 0307 AM, consecutively, at Gulf States headquarters  
BLUME, M B Antitrust Division 80/02/29 1p
- 8003260454 Submits Houston Lighting & Power comments on schedule set in NRC & DOJ joint motion re protection of settlement discussions Proposes accelerated schedule W/Certificate of Svc encl  
FRANKLIN, W J Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/29 8pp
- 8003070191 Protective order in favor of Diamond Shamrock Corp documents produced by Diamond or DOJ, re Gulf Coast Power forecasts for 1979-90 & Houston Lighting & Power rate projection based on Gulf forecast  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 4pp
- 8003140186 Order setting 800307 oral argument re NRC & DOJ 800228 joint motion to compel production & testimony on certain documents & other discovery requests Interested parties shall hand-deliver written responses by 800306  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 3pp
- 8003240173 Response to DOJ motion of compel TX Utilis Generating Co to supplement answers to DOJ first set of interrogatories Urges dismissal of motion as moot due to prior commitment to & present preparation of suppl Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 5pp
- 8003250203 Advises of documents' availability for insp & copying, per DOJ request at A Gember deposition Documents consist of Houston Lighting & Power transmittal & Houston exhibits Certificate of Svc encl  
FLYNN, P O Lowenstein, Neuman, Reis, Axelrad & Toll 80/03/03 5pp
- 8003260277 Response in opposition to DOJ & NRC 800228 joint motion proposing acceleration of schedule re protection of settlement discussions Urges adherence to normal 10-day period or grant or oral argument Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co AHEARN, C D Debevoise & Liberman 80/03/03 8pp
- 8003240448 Advises that info requested consists of monthly summaries of interchanges among South TX Interconnected Sys utilis from 1978 to present  
ZELINSKY, W M Antitrust & Indemnity Group 80/03/04 1p
- 8003130030 Protective order in favor of Dow Chemical per DOJ & DOW Chemical stipulation Trade secrets & confidential commercial info shall not be disclosed to third parties but may be subj to judicial review upon request  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/05 6pp

# DOCKETED ITEMS

289

8003200256 Motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Responds to NRC 800225 motion to modify Houston Lighting & Power subpoena Urges availability of documents by 800315 prior to Lerner deposition W/excerpts GREEN, D O Houston Lighting & Power Co \* Baker & Botts \* Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 13pp

--8003200297 Requests production of memoranda agreed upon during ND Lerner 790719 deposition recorded at Page 9B of Lerner transcript FLYNN, P O Lowenstein, Newman, Reis, Axelrad & Toll 79/12/07 1p

--8003200303 Comments on recent discussions w/RP Lessy in preparation for hearing Collection of addl data to firm up case needed LAWBE, W Antitrust & Indemnity Group 79/04/06 5pp

--8003200310 Forwards Houston Lighting & Power 800305 motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Requests expedited discovery schedule outlined in encl proposed order Certificate of Svc encl GREEN, D O Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 8pp

8003100062 Motion for 30-day extension in proceeding due to unavailability of HM Hartley for medical reasons, written confirmation from physician will be provided Certificate of Svc encl CHANANIA, F D Antitrust Division 80/03/06 5pp

8003280634 Notice of D Springs of Southern Engineering Co of GA 800313 & 14 deposition re bulk power supply, transmission & wheeling svcs & competition issues CB Ahearn 800310 ltr to W Burchette & Certificate of Svc encl AHEARN, C D Texas Utilities Generating Co Debevoise & Liberman 80/03/10 6pp

8003190628 Response in opposition to Houston Lighting & Power motion to compel addl production by NRC & by N Lerner, NRC expert witness Maintains ASLB 790416, 0507 & 1025 orders limit discovery to documents forming basis for witness opinion CHANANIA, F D, BLUME, M B Antitrust Division 80/03/11 5pp

8003190638 Certificate of Svc re NRC response to Houston Lighting & Power motion to compel production by NRC & expert economic witness & NRC motion to quash R Frame subpoena BLUME, M B Antitrust Division 80/03/11 3pp

8003190919 Motion to quash TX Utils Generating Co 800221 subpoena directed to R Frame of Transcomm, Inc, consultant of NRC Work of non-testifying outside consultants is not discoverable per ASLB 790416 & 0507 orders Proposed order encl CHANANIA, F D, BLUME, M B, HODGSON, A Antitrust Division 80/03/11 5pp

8003240569 Advises that address for counsel of Central & South West Co has changed to Suite 325, 1120 Connecticut Avenue, N.W., Washington, D C STAHL, D M Isham, Lincoln & Beale 80/03/12 1p.

8003250456 Petition for certification of ASLB 800307 order granting DOJ & NRC joint motion to compel production & testimony re cost feasibility of interconnections Settlement discussions must be protected per Wolf Creek case W/Certificate of Svc STAHL, D M Central & Southwest Corp STAHL, D M Shaw, Pittman, Potts & Trowbridge 80/03/12 11pp

8003240342 Order granting in part Houston Lighting & Power 800305 motion to compel further production from NRC & expert witness NRC shall make available documentation on or prior to 800315 Denies NRC 800225 motion to modify subpoena HOLFE, S J Atomic Safety and Licensing Board Panel 80/03/13 3pp

--8003240349 Order granting TX Utils Generating Co request to stay effectiveness of ASLB 800307 oral ruling, pending further order disposing of petition for directed certification of challenged ruling Certificate of Svc encl BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/13, 7pp

8003310194 Order extending stay of effectiveness of challenged ASLB 800307 oral ruling re production of certain TX Utils Generating Co documents in response to DOJ & NRC joint motion Stay extended until certification ruled upon BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/13 3pp

8003250208 Subpoena directed to GW Stagg of Stagg Sys, Inc, requesting deposition upon oral examination & production of documents re interconnecting & interconnected operations. LAZOR, R M Atomic Safety and Licensing Board Panel 80/03/14 4pp

8003270109 Motion to compel Houston Lighting & Power supplemental responses to third set of interrogatories & request for production of documents Util counsel will produce certain documents per encl excerpts of DE Simmons deposition BLUME, M B Antitrust Division 80/03/14 8pp

--8003270117 Advises that NRC has not received documents or proposed protective order re lignite deposits purchase or lease from Dow Chemical & negotiations for generation additions Util 800206 ltr re nondisclosure, does not satisfy ASLB order BLUME, M B Antitrust Division 80/02/11 2pp

--8003270128 Responds to 800211 ltr re Dow Chemical lignite deposits Houston Lighting & Power will abide by possible agreement between NRC & Dow Chemical Requested documents will be provided when located COPELAND, J G Baker & Botts 80/02/19 1p

--8003270137 Forwards per morning discussions & under separate cover, two groups of documents produced in response to Interrogatory 8(d) of NRC first set of interrogatories Draws attention to confidentiality of util corporate study COPELAND, J G Baker & Botts 80/03/02 1p

--8003270147 States that contrary to NRC 790502 agreement to partially review Houston Lighting & Power 1978 corporate study, NRC is now desirous to review entire study w/dates & supply W/draft protective order, stipulation & Certificate of Svc LESSY, R P Antitrust Division 80/02/22 10pp

8003310064 Joint application for issuance of subpoena directed to GW Stagg of Stagg Sys, Inc, to be deposed & to produce documents re interconnections & interconnected operations W/draft subpoena & excerpts of DE Simmons deposition CHANANIA, F D Antitrust Division CYPHERT, B B Justice, Dept of 80/03/14 7pp

8003250404 Forwards documents in response to 800305 request Requests Gulf States protective order be sent to all persons inspecting Gulf States documents Remaining documents will be sent when located W/o encl CHANANIA, F D Antitrust Division 80/03/17 1p

8003270513 Views on consolidation during evidentiary hearing phase, in response to ASLB sua sponte request at Pages 681-682 of 800307 transcript Consolidation is not advised due to potential confusion re relevant facts W/ Certificate of Svc CHANANIA, F D, BLUME, M B, HODGSON, A P Antitrust Division 80/03/17 7pp

8003250373 Forwards WJ Dunn 800311 ltr re R Hartley treatment JA Bouknight will be advised of developments per 800314 discussion CHANANIA, F D Antitrust Division 80/03/18 1p

8003270270 Response in opposition to NRC 800311 motion to quash subpoena directed to R Frame of Transcomm, Inc, as adverse witness R Frame work, basis of Dr Lerner testimony, discoverable per reasoning of ASLB 791023 order KNOTTS, J B Texas Utilities Generating Co KNOTTS, J B Debevoise & Liberman 80/03/18 7pp

8003310222 Order setting 800327 argument re petitions for directed certification of ASLB 800307 oral ruling Parties shall confer & shall assign lead counsel to present common position Other counsels may be heard when views differ TOMPKINS, B A Atomic Safety and Licensing Appeal Panel 80/03/21 3pp

8003310032 Joint response in opposition to Houston Lighting & Power 800321 motion to quash subpoena directed to GW Stagg, Work of outside consultant is not immune from discovery when work is crucial to defense Supporting documentation encl CHANANIA, F D Antitrust Division CYPHERT, B B Justice, Dept of 80/03/26 7pp

--8003310036 Excerpts of deposition upon oral examination of DE Simmons of Lighting & Power in Houston, TX Pp 10-16 \* SIMMONS, D E Houston Lighting & Power Co. 80/02/07 11pp

--8003310042 Excerpts of deposition upon oral examination of RM McCuiston of Houston Lighting & Power, in Houston, TX Pp 153-155 & 161-163 Certificate of Svc encl \* Atomic Safety and Licensing Board Panel MCCUISTON, R M Houston Lighting & Power Co 80/01/29 13pp

N. Antitrust hearing transcripts

8003120587 Transcript of 800307 hearing in Bethesda, MD, Pp 472-491 MILLER, N E Commission. 80/03/07 220pp.

## DOCKETED ITEMS

## G Inspection reports, IF Bulletins &amp; correspondence

8003090210 Responds to IE Bulletin 79-14 Due to current const status, insp required by bulletin is unnecessary because safety-related piping has not yet been installed  
TURNER,E A Houston Lighting & Power Co 79/10/30 3pp

8003280644 Responds to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " Expansion anchor bolts in concrete walls & structural steel shapes in lieu of base plates not used at facilities  
TURNER,E A Houston Lighting & Power Co 80/01/03 1p

8003040220 Ack receipt of 800109 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-498/79-20 & 50-499/79-20  
SEIDLE,W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/20 1p

--8003040228 Responds to NRC 791212 ltr re violations noted in IE Insp Repts 50-498/79-20 & 50-499/79-20 Corrective actions possibility of concrete segregation discounted by insp of placement form removal  
TURNER,E A Houston Lighting & Power Co 80/01/09 3pp

8003130682 Ack receipt of 800207 ltr informing NRC of steps taken to correct violations to be noted in IE Insp Repts 50-498/79-19 & 50-499/79-19  
SEIDLE,W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/25 1p

--8003130688 Responds to NRC 800124 exit interview re violations noted in IE Insp Repts 50-498/79-19 & 50-499/79-19 Corrective actions trend analysis program for FREAS & nonconformance repts being developed  
OPREA,G W Houston Lighting & Power Co 80/02/07 12pp

--8003130692 Provides status rept on nine action items identified in utal 791228 ltr per 791228 meeting on QA program Seminar held on 800104 to review w/const & QC personnel fundamental philosophies & stds of QA program  
OPREA,G W Houston Lighting & Power Co 80/01/25 5pp

--8003130695 Identifies nine action items per 791228 meeting re QA program Meeting will be held 800104 to review philosophy & stds of QA program w/const & QC personnel Procedural changes will be made to clarify use of nonconformance repts  
OPREA,G W Hudson Light & Power Dept 79/12/28 2pp

8003140014 Forwards IE Info Notice 80-06, "Notification of Significant Events " No action required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/27 1p

8003120309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/02/29 1p

8003270215 Ack receipt of 800115 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-498/79-16 & 50-499/79-16  
SEIDLE,W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/03/03 2pp

--8003270218 Responds to NRC 791212 ltr re violation noted in IE Insp Repts 50-498/79-16 & 50-499/79-16 corrective action, concrete const spec & quality const procedure are being revised & reassessed  
TURNER,E A Houston Lighting & Power Co 80/01/15 2pp

8003180004 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003190215 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260118 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated w/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260583 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260345 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/01/11 1p

8003250414 Forwards IE Info Notice 80-11, "Generic Problems w/AESD Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260316 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT,K V Region 4, Dallas, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs &amp; related correspondence

8003190053 Forwards final deficiency rept re inadequate vendor QA program  
TURNER,E A Houston Lighting & Power Co 80/01/04 2pp

--8003190063 Final deficiency rept re inadequate Brown & Root QA program Investigations have commenced, w/assistance provided to supplier in review & reconst of welder certification records  
\* Houston Lighting & Power Co 80/01/04 2pp

8003140267 Forwards interim deficiency rept re installation of deficient anchor bolts  
TURNER,E A Houston Lighting & Power Co 80/01/28 2pp

--8003140273 Interim deficiency rept re installation of deficient anchor bolts Bolts were made of lesser grade matl than required by design drawings Matl for Type V anchor bolts replaced by higher strength matl  
\* Houston Lighting & Power Co 80/01/28 2pp

8003060211 Forwards final deficiency rept  
OPREA,G W Houston Lighting & Power Co 80/02/18 3pp

--8003060221 Final deficiency rept re concrete voids behind liner plate in Lift 8 of reactor bldg exterior wall Const & insp procedures & engineering design documents revised  
\* Houston Lighting & Power Co 80/02/18 8pp

8003270445 PNO-IV-80-011 on 800305, licensee will release info to press re 800228 nonconformance rept Records of 37,030 Cadweld installations during 760413-790411 survey indicated 2,056 documented deficiencies  
OBERO,C R, SEIDLE,W C Region 1, Philadelphia, Office of the Director 80/03/06 1p

8003280479 Second interim deficiency rept re safety injection sys containment emergency sump piping design Redesign of piping sys in progress Final rept submitted by 800530 if alternative re anchoring process pipe found acceptable  
TURNER,E A Houston Lighting & Power Co 80/03/19 3pp

## DOCKET STN-50 499 SOUTH TEXAS PROJECT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003130548 Requests clarification of NRC position on deletion of emergency boration sys described in 781009 FBAR, Amend 2  
TURNER,E A Houston Lighting & Power Co 80/02/28 2pp

## F Security, medical, emergency &amp; fire protection plans

8003030404 Requests further extension for providing guard training & qualification plan Extension will allow ample time for NRC review of security plan & facilitate efforts to write complete guard training qualification plan  
TURNER,E A Houston Lighting & Power Co 80/02/25 1p

# DOCKETED ITEMS

291

## G Adjudicatory correspondence

B003130076 Order granting extension until 800229 for Central & South West Corp to respond to Houston Lighting & Power second set of interrogatories Directs Central to produce documents by 800313 Fact discovery shall be completed on 800314.  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/21 2pp

B003060660 Motion for protective order compelling Citizens Concerned About Nuclear Power to respond to B00125 interrogatories Interrogatories were due on B00225 Certificate of Svc encl BIDDLE, C T, NEWMAN, J R Houston Lighting & Power Co BIDDLE, C T Baker & Betts 80/02/25 4pp

B003070012 Order denying applicants' 800225 motion to compel Citizens Concerned About Nuclear Power to respond to B00125 interrogatories Responses not required until 800229 per ASLB 790803 order  
BECHHOEFER, C Atomic Safety and Licensing Board Panel 80/02/28 1p

B003130002 Order granting extension until 800331 for Citizens Concerned About Nuclear Power to answer applicants' 800125 interrogatories  
BECHHOEFER, C Atomic Safety and Licensing Board Panel. 80/03/05 1p

B003100053 Advises that NRC takes no position re Citizens Concerned About Nuclear Power 800302 motion for addl time to respond to applicants' 800125 interrogatories  
MCCURREN, H J Hearing Branch 1 80/03/06 1p

B003280655 Memorandum & order re applicants' & NRC 800129 motions to compel further answers to interrogatories Requests basis for protective order re Contentions 1,2 & 4 & to provide answers re Contentions 5,6,7 Motions re Contention 8 denied  
BECHHOEFER, C Atomic Safety and Licensing Board Panel. 80/03/07 13pp

## H General correspondence

B003190948 Expresses gratitude for N Himel efforts in organizing 800228 informative meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/05 1p

B003190950 Expresses gratitude for R Watt efforts in organizing 800229 meeting  
ZELINSKY, W M Power Supply & Analysis Branch. 80/03/05 1p

B003190958 Expresses gratitude for M Human efforts in organizing 800226 meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/05 1p

## M Antitrust correspondence

B003030146 Application for issuance of encl subpoenas for testimony directed to GW Beams, B Newman, GC Campbell & D Wright & encl subpoenas for documents directed to GW Beams, B Newman & GC Campbell Supplements 791203 subpoenas w/Certificate of Svc  
PARMENTER, F H Justice, Dept of 80/02/05 22pp

B003190622 Confirms 800208 statement made during Garber deposition JA Bruggeman, D Chalker, ME Fate, GH King, WC Price & JW Turk are intended to be called by Central & South West Cos, as fact witnesses DD Jordan & TI Austin may be adverse witnesses  
STAHL, D M Isham, Lincoln & Beale 80/02/11 2pp

B003050179 Discovery rept for Jan 1980 Participated in Houston Lighting & Power deposition of G Harrison No other discovery activities initiated or received Certificate of Svc encl  
WILSON, N R San Antonio, TX WILSON, W R Matthews, Nowlin, MacFarlane & Barrett, 80/02/12 4pp

B003030137 Application for issuance of encl subpoenas for deposition & documents directed to JW Turk of Southwestern Electric Power Co, ME Fate of PSC of OK & D Chalker of Central Power & Light Co, re antitrust practices Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/13 27pp.

B003040278 Response in apposition to Houston Lighting & Power request for production of documents Urges issuance of protective order & extension until 800229 to respond to second set of interrogatories Certificate of Svc encl  
STAHL, D M Central & Southwest Corp 80/02/15 7pp.

B003240940 Advises that no response received to NRC 800208 ltr re deposition scheduling For J Meyer of Houston Lighting & Power  
CHANANIA, F D Office of the Executive Legal Director 80/02/15 1p

B003030081 Confirms 800227 conversation re SB Phillips 800227 deposition  
POIRIER, M R Spiegel & McDiarmid 80/02/19 1p

B003030110 Confirms 800218 telcon on behalf of Public Util Board of City of Brownsville, TX, responding to B Jablon 800207 ltr Reply to Houston Lighting & Power interrogatories by B00218 impossible  
POIRIER, M R Spiegel & McDiarmid 80/02/19 1p

B003030153 Application for issuance of encl subpoena directed to R Frame of Transcomm, Inc re analysis & conclusions concerning antitrust economic evaluation & electric util practices Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co 80/02/21 11pp

B003060402 Forwards WE Scott documents per ASLB 800214 order & DDJ 800221 motion for protective order re certain of TX Util Co Sys documents  
DOPSOVIC, D A Justice, Dept of 80/02/21 2pp

--B003060404 Motion for issuance of encl protective order re certain of TX Util Co Sys documents dealing w/budgets for new transmission lines between Dallas Power & Light & TX Electric Svc Certificate of Svc encl  
DOPSOVIC, D A Justice, Dept of 80/02/21 9pp

B003060238 Motion to compel NRC expert witnesses to respond to licensee questions re consultations w/NRC Consultations between attys & expert witnesses discoverable per ASLB 790625 & 1023 orders Supporting documentation & Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/22 47pp

B003060656 Objection to Public Util Board of City of Brownsville, TX second set of interrogatories & request for production of documents Urges issuance of protective order of relief from Specifications 1(a) & (b) & 4-5 w/Certificate of Svc  
STAHL, D M Central & Southwest Corp 80/02/22 8pp

B003130056 Order denying City of Brownsville 800201 motion to compel RW Hardy deposition Alternate application for issuance of subpoena granted Precise factual & medical info required  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/22 2pp

B003190963 Forwards documents re W Mayben testimony in previous proceedings Copying costs will be billed separately  
POIRIER, M R Spiegel & McDiarmid 80/02/22 1p

B003040271 Third set of requests for production of documents directed to Central Power & Light, re actual & possible interconnections between Public Util Board of City of Brownsville, TX & other utils Certificate of Svc encl  
GREEN, D G Houston Lighting & Power Co 80/02/25 7pp

B003200034 Advises of agreement reached between Houston Lighting & Power & DDJ re util 800212 motion to compel DDJ further responses to first set of interrogatories & requests for production of documents Certificate of Svc encl  
BOUKNIGHT, J A Lowenstein, Newman, Reis, Axelrad & Toll 80/02/25 6pp

B003250483 Response to Houston Lighting & Power 800201 first requests for production of documents Majority of documents already produced w/NRC responses to second & fourth sets of interrogatories Certificate of Svc encl  
CHANANIA, F D Antitrust Division 80/02/25 5pp.

B003030072 Discovery rept for Jan-Feb 1980 Participated in Austin, Hulse, Brittain, Spence, Hebb & Garber depositions Responded to Houston Lighting & Power summary deposition appeals & discovery requests Prepared direct case  
LESSY, R P, HODGSON, A P Antitrust Division 80/02/26 2pp

B003030129 Updated response as of 800226 to TX Utils Generating Co first set of interrogatories & request for production of documents Majority of matls responsive to request available in previous filings Certificate of Svc encl  
CHANANIA, F D Antitrust Division 80/02/26 8pp

## DOCKETED ITEMS

- 8003050190 Protective order in favor of TX Utils Co Sys on confidential documents produced to DOJ re gas supply contract & budgets of 1979-79 new transmission lines Lists eight restrictions Documents will be returned to util  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 5pp
- 8003050195 Order granting extension for NRC to file instant motion modifying ASLB 800201 subpoena directed to keeper of records of Transcomm, Inc upon Houston Lighting & Power application  
MILLER, M E Atomic Safety and Licensing Board Panel 80/02/26 1p
- 8003030095 Advises of Woodson 800311 deposition at TX Public Utilities Commission, Austin, TX  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003040667 Requests to be notified if listing of Durham, Hastings, Helyer, Meyer, Opera, Simmons, Peterson, Phillips, Watson, Poston & Siegelin as fact witnesses is incomplete or erroneous  
CHANANIA, F D Antitrust Division 80/02/27 1p
- 8003250328 Second set of addl responses to DOJ 781130 interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys 791217 study of economic evaluation of expansion plans re alternative generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co 80/02/27 4pp
- 8003250333 Second set of addl answers to NRC 790118 initial interrogatories, per ASLB 780621 prehearing conference directive Includes info re Stagg Sys role in wholesale transactions & economic study of generation Affidavit encl  
FRANKLIN, W J Houston Lighting & Power Co 80/02/27 5pp
- 8003250339 Supplemental answers to Central Power & Light 780727 First interrogatories, per ASLB 780621 prehearing conference directive Includes info re Public Utilities Board of City of Brownsville, TX interest in purchasing base load W/Affidavit  
FRANKLIN, W J Houston Lighting & Power Co 80/02/27 4pp
- 8003250346 Supplemental answers to Central Power & Light 790223 second interrogatories, per ASLB 780621 prehearing conference directive Includes listing of nonexpert witnesses who will testify at hearing Affidavit & Certificate of Svc encl  
FRANKLIN, W J Houston Lighting & Power Co • Baker & Batts 80/02/27 7pp
- 8003070332 Confirms agreement to conduct Atkins, Smith, Sprawls & Bondurant depositions on 800305 AM, 0305 PM, 0306 AM & 0307 AM, consecutively, at Gulf States headquarters  
BLUME, M B Antitrust Division 80/02/29 1p
- 8003260454 Submits Houston Lighting & Power comments on schedule set in NRC & DOJ joint motion re protection of settlement discussions Proposes accelerated schedule W/Certificate of Svc encl  
FRANKLIN, W J Lowenstein, Newman, Reis, Axelrad & Toll 80/02/29 8pp
- 8003070191 Protective order in favor of Diamond Shamrock Corp documents produced by Diamond or DOJ, re Gulf Coast Power forecasts for 1979-90 & Houston Lighting & Power rate projection based on Gulf forecast  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03, 4pp
- 8003140186 Order setting 800307 oral argument re NRC & DOJ 800228 joint motion to compel production & testimony on certain documents & other discovery requests Interested parties shall hand-deliver written responses by 800306  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/03 3pp
- 8003240173 Response to DOJ motion of compel TX Utils Generating Co to supplement answers to DOJ first set of interrogatories Urges dismissal of motion as moot due to prior commitment to & present preparation of suppl Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co 80/03/03 5pp
- 8003250203 Advises of documents availability for insp & copying, per DOJ request at A Querber deposition Documents consist of Houston Lighting & Power transmittal & Houston exhibits Certificate of Svc encl  
FLYNN, P G Lowenstein, Newman, Reis, Axelrad & Toll 80/03/03 5pp.
- 8003260277 Response in opposition to DOJ & NRC 800228 joint motion proposing acceleration of schedule re protection of settlement discussions Urges adherence to normal 10-day period or grant of oral argument Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co. 80/03/03 8pp
- 8003240448 Advises that info requested consists of monthly summaries of interchanges among South TX Interconnected Sys utils from 1978 to present  
ZELINSKY, W M Antitrust & Indemnity Group 80/03/04 1p
- 8003130030 Protective order in favor of Dow Chemical per DOJ & DOW Chemical stipulation Trade secrets & confidential commercial info shall not be disclosed to third parties but may be suby to judicial review upon request  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/05 6pp
- 8003200256 Motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Responds to NRC 800225 motion to modify Houston Lighting & Power subpoena Urges availability of documents by 800315 prior to Lerner deposition W/exerpts  
GREEN, D G Houston Lighting & Power Co 80/03/05 13pp
- 8003200297 Requests production of memoranda agreed upon during ND Lerner 790719 deposition recorded at Page 98 of Lerner transcript  
FLYNN, P G Lowenstein, Newman, Reis, Axelrad & Toll 79/12/07 1p
- 8003200303 Comments on recent discussions w/RP Leasy in preparation for hearing Collection of addl data to firm up case needed  
LAWDE, W Antitrust & Indemnity Group 79/04/06 5pp
- 8003200310 Forwards Houston Lighting & Power 800305 motion to compel further production of documents by NRC & ND Lerner of Transcomm, Inc Requests expedited discovery schedule outlined in encl proposed order Certificate of Svc encl  
GREEN, D G Lowenstein, Newman, Reis, Axelrad & Toll 80/03/05 8pp
- 8003100062 Motion for 30-day extension in proceeding due to unavailability of HH Hartley for medical reasons, written confirmation from physician will be provided Certificate of Svc encl  
CHANANIA, F D Antitrust Division 80/03/06 5pp
- 8003280634 Notice of D Springs of Southern Engineering Co of OA 800313 & 14 deposition re bulk power supply, transmission & wheeling svcs & competition issues CD Ahearn 800310 ltr to W Burchette & Certificate of Svc encl  
AHEARN, C D Texas Utilities Generating Co 80/03/10 6pp
- 8003190628 Response in opposition to Houston Lighting & Power motion to compel addl production by NRC & by N Lerner, NRC expert witness Maintains ASLB 790416, 0507 & 1025 orders limiting discovery to documents forming basis for witness opinion  
CHANANIA, F D Antitrust Division 80/03/11 5pp
- 8003190638 Certificate of Svc re NRC response to Houston Lighting & Power motion to compel production by NRC & expert economic witness & NRC motion to quash R Frame subpoena  
BLUME, M B Antitrust Division 80/03/11 3pp
- 8003190919 Motion to quash TX Utils Generating Co 800221 subpoena directed to R Frame of Transcomm, Inc, consultant of NRC Work of non-testifying outside consultants is not discoverable per ASLB 790416 & 0507 orders Proposed order encl  
CHANANIA, F D Antitrust Division 80/03/11 5pp
- 8003240567 Advises that address for counsel of Central & South West Co has changed to Suite 325, 1120 Connecticut Avenue, N W, Washington, D C  
STAHL, D M Isham, Lincoln & Deale 80/03/12 1p
- 8003250456 Petition for certification of ASLB 800307 order granting DOJ & NRC joint motion to compel production & testimony re cost feasibility of interconnections Settlement discussions must be protected per Wolf Creek case W/Certificate of Svc  
STAHL, D M Central & Southwest Corp 80/03/12 11pp
- 8003240342 Order granting in part Houston Lighting & Power 800305 motion to compel further production from NRC & expert witness, NRC shall make available documentation on or prior to 800315 Denies NRC 800225 motion to modify subpoena  
WOLFE, S J Atomic Safety and Licensing Board Panel 80/03/13 3pp
- 8003240349 Order granting TX Utils Generating Co request to stay effectiveness of ASLB 800307 oral ruling, pending further order disposing of petition for directed certification of challenged ruling Certificate of Svc encl  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/13 7pp

# DOCKETED ITEMS

293

8003310194 Order extending stay of effectiveness of challenged ASLB  
800307 oral ruling re production of certain TX Utils  
Generating Co documents in response to DOJ & NRC joint  
motion Stay extended until certification ruled upon  
BISHOP, C J Atomic Safety and Licensing Appeal Panel 80/03/13  
3pp

8003250208 Subpoena directed to OH Stagg of Stagg Sys, Inc. requesting  
deposition upon oral examination & production of documents  
re interconnecting & interconnected operations  
LAZD, R M Atomic Safety and Licensing Board Panel 80/03/14 4pp

8003270109 Motion to compel Houston Lighting & Power supplemental  
responses to third set of interrogatories & request for  
production of documents Util counsel will produce certain  
documents per encl excerpts of DE Simmons deposition  
BLUME, M B Antitrust Division 80/03/14 8pp

--8003270117 Advises that NRC has not received documents on proposed  
protective order re lignite deposits purchase or lease from  
Dow Chemical & negotiations for generation additions Util  
800206 ltr re nondisclosure does not satisfy ASLB order  
BLUME, M B Antitrust Division 80/02/11 2pp

--8003270128 Responds to 800211 ltr re Dow Chemical lignite deposits  
Houston Lighting & Power will abide by possible agreement  
between NRC & Dow Chemical Requested documents will be  
provided when located  
COPELAND, J G Baker & Botts 80/02/19 1p

--8003270137 Forwards per morning discussions & under separate cover, two  
groups of documents produced in response to Interrogatory  
B(4) of NRC first set of interrogatories Draws attention to  
confidentiality of util corporate study  
COPELAND, J G Baker & Botts 80/03/02 1p

--8003270147 States that contrary to NRC 790502 agreement to partially  
review Houston Lighting & Power 1978 corporate study, NRC is  
now desirous to review entire study w/ dates & suppl  
W/draft protective order stipulation & Certificate of Bvc.  
LESSY, R P Antitrust Division 80/02/22 10pp

8003310064 Joint application for issuance of subpoena directed to OH  
Stagg of Stagg Sys, Inc. to be deposed & to produce documents  
re interconnections & interconnected operations  
W/draft subpoena & excerpts of DE Simmons deposition  
CHANANIA, F D Antitrust Division 80/03/14 7pp

8003250404 Forwards documents in response to 800305 request Requests  
Gulf States protective order be sent to all persons  
inspecting Gulf States documents Remaining documents will  
be sent when located W/o encl  
CHANANIA, F D Antitrust Division 80/03/17 1p

8003270513 Views on consolidation during evidentiary hearing phase, in  
response to ASLB sua sponte request at Pages 681-682 of  
800307 transcript Consolidation is not advised due to  
potential confusion re relevant facts W/ Certificate of Bvc  
CHANANIA, F D Antitrust Division 80/03/17 9pp

8003250373 Forwards WJ Dunn 800311 ltr re R Hartley treatment  
JA Bouknight will be advised of developments per 800314  
discussion  
CHANANIA, F D Antitrust Division 80/03/18 1p

8003270270 Response in opposition to NRC 800311 motion to quash  
subpoena directed to R Frame of Transcomm, Inc. as adverse  
witness R Frame work basis of Dr Lerner testimony,  
discoverable per reasoning of ASLB 791023 order  
KNOTTS, J B Texas Utilities Generating Co. 80/03/18 7pp

8003310222 Order setting 800327 argument re petitions for directed  
certification of ASLB 800307 oral ruling Parties shall  
confer & shall assign lead counsel to present common  
position Other counsel may be heard when views differ  
TOMPKINS, B A Atomic Safety and Licensing Appeal Panel 80/03/21  
3pp

8003310032 Joint response in opposition to Houston Lightng & Power  
800321 motion to quash subpoena directed to OH Stagg Work of  
outside consultant is not immune from discovery when work is  
crucial to defense Supporting documentation encl.  
CHANANIA, F D Antitrust Division 80/03/26 7pp

--8003310036 Excerpts of deposition upon oral examination of DE Simmons  
of Houston Lighting & Power in Houston, TX Pp 10-16.  
\*. SIMMONS, D E Houston Lighting & Power Co. 80/02/07 11pp

--8003310042 Excerpts of deposition upon oral examination of  
RM McCuiston of Houston Lighting & Power, in Houston, TX  
Pp 153-155 & 161-163 Certificate of Bvc encl  
\* Atomic Safety and Licensing Board Panel 80/01/29 13pp

N Antitrust hearing transcripts  
-----

8003120587 Transcript of 800307 hearing in Bethesda, MD Pp 472-691  
MILLER, M E Commission 80/03/07 220pp

0 Inspection reports, IE Bulletins & correspondence  
-----

8003050210 Responds to IE Bulletin 79-14 Due to current const status,  
insp required by bulletin is unnecessary because safety-  
related piping has not yet been installed  
TURNER, E A Houston Lighting & Power Co 79/10/30 3pp

8003280644 Responds to IE Bulletin 79-02, Revision 2, "Pipe Support Base  
Plate Designs Using Concrete Expansion Anchor Bolts "  
Expansion anchor bolts in concrete walls & structural steel  
shapes in lieu of base plates not used at facilities  
TURNER, E A Houston Lighting & Power Co 80/01/03 1p

8003040220 Ack receipt of 800109 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-498/79-20 &  
50-499/79-20  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering  
Support Branch 80/02/20 1p

--8003040228 Responds to NRC 791212 ltr re violations noted in IE Insp  
Repts 50-498/79-20 & 50-499/79-20 Corrective actions  
possibility of concrete segregation discounted by insp of  
placement form removal  
TURNER, E A Houston Lighting & Power Co 80/01/09 3pp

8003130682 Ack receipt of 800207 ltr informing NRC of steps taken to  
correct violations to be noted in IE Insp Repts 50-498/79-19  
& 50-499/79-19  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering  
Support Branch 80/02/25 1p

--8003130688 Responds to NRC 800124 exit interview re violations noted in  
IE Insp Repts 50-498/79-19 & 50-499/79-19 Corrective  
actions trend analysis program for FREAB & nonconformance  
repts being developed  
DPREA, G W Houston Lighting & Power Co 80/02/07 12pp

--8003130692 Provides status rept on nine action items identified in  
util 791228 ltr per 791228 meeting on QA program Seminar  
held on 800104 to review w/const & QC personnel fundamental  
philosophies & stds of QA program  
DPREA, G W Houston Lighting & Power Co 80/01/25 5pp

8003140014 Forwards IE Info Notice 80-06, "Notification of Significant  
Events " No action required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/27  
1p

8003120309 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/02/29  
1p

8003270215 Ack receipt of 800115 ltr informing NRC of steps taken to  
correct violation noted in IE Insp Repts 50-498/79-16 &  
50-499/79-16  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering  
Support Branch 80/03/03 2pp

--8003270218 Responds to NRC 791212 ltr re violation noted in IE Insp  
Repts 50-498/79-16 & 50-499/79-16 corrective action concrete  
const spec & quality const procedure are being revised &  
reissued.  
TURNER, E A Houston Lighting & Power Co 80/01/15 2pp

8003180004 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation." No specific  
action or response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07  
1p

8003190215 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07  
1p



## DOCKETED ITEMS

8003260118 Forwards IE Info Notice 80-09, "Possible Occupational Health Hazard Associated W/Closed Cooling Sys for Operating Power Plants " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/07 1p

8003260583 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/10 1p

8003260345 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/13 1p

8003250414 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

8003260316 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
SEYFRIT, K V Region 4, Dallas, Office of the Director 80/03/14 1p

#### S Reportable occurrences, LERs & related correspondence

8003190053 Forwards final deficiency rept re inadequate vendor QA program  
TURNER, E A Houston Lighting & Power Co 80/01/04 2pp

--8003190063 Final deficiency rept re inadequate Brown & Root QA program  
Investigations have commenced, w/assistance provided to supplier in review & reconst of welder certification records  
\* Houston Lighting & Power Co 80/01/04 2pp

8003140267 Forwards interim deficiency rept re installation of deficient anchor bolts  
TURNER, E A Houston Lighting & Power Co 80/01/28 2pp.

--8003140273 Interim deficiency rept re installation of deficient anchor bolts  
Bolts were made of lesser grade matl than required by design drawings Matl for Type V anchor bolts replaced by higher strength matl  
\* Houston Lighting & Power Co 80/01/28 2pp

8003130388 PND-IV-80-007 section of reactor containment bldg steel liner was inadvertently bulged during volumetric determination using water under pressure Cause not stated  
HUBACEK, W G, CROSBEMAN, W A Region 4, Dallas, Office of the Director 80/02/13 1p

8003060211 Forwards final deficiency rept  
OPREA, C W Houston Lighting & Power Co 80/02/18 3pp

--8003060221 Final deficiency rept re concrete voids behind liner plate in Lift B of reactor bldg exterior wall Const & insp procedures & engineering design documents revised  
\* Houston Lighting & Power Co 80/02/18 8pp

8003280479 Second interim deficiency rept re safety injection sys containment emergency sump piping design Redesign of piping sys in progress Final rept submitted by 800530 1p  
alternative re anchoring process pipe found acceptable  
TURNER, E A Houston Lighting & Power Co 80/03/19 3pp

#### DOCKET 80-800 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 2

##### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

##### M Antitrust correspondence

781130230 OH applicants' comments on OH statute requiring certification of exclusive svc territories for elec light companies Initial decision should be reversed & amended House Bill 577 be enacted  
REYNOLDS, H B Toledo Edison Co 78/11/03 13pp

8003070329 Advises that petitions for ALAB-560 review are deemed denied due to lapse of time for Commission to act on matter  
CHILK, S J Office of the Secretary of the Commission 80/03/04 1p

#### DOCKET 80-801 DAVIS-BESSE NUCLEAR POWER STATION, UNIT 3

##### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

##### M Antitrust correspondence

781130230 OH applicants' comments on OH statute requiring certification of exclusive svc territories for elec light companies Initial decision should be reversed & amended House Bill 577 be enacted  
REYNOLDS, H B Toledo Edison Co 78/11/03 13pp

8003070329 Advises that petitions for ALAB-560 review are deemed denied due to lapse of time for Commission to act on matter  
CHILK, S J Office of the Secretary of the Commission 80/03/04 1p

#### DOCKET BTN-50-508 WPPSS NUCLEAR PROJECT, UNIT 3

##### A Application/construction stage documents & correspondence

8003110588 Submits info, per NRC 800206 request re endangered & threatened species present in proposed const area No species proposed for endangered list are within area  
MEYER, W H Interior, Dept of, Fish & Wildlife Service 80/02/29 4pp

8003310244 Informs util of refund re Mar 1974 CP application Fees paid exceed costs incurred in processing & issuance of permits  
MILLER, W O License Fee Management Branch 80/03/03 1p

8003250344 Forwards Ebasco Svcs, Inc rept, "Groundwater Draining Sys Analysis of Sys Performance " Design parameters used in development of sys have resulted in provision of adequate & conservative protection to plant  
RENNERGER, D L Washington Public Power Supply System 80/03/14 3pp

--8003250347 "Groundwater Drainage Sys Analysis of Sys Performance " Oversize drawings encl  
\* Ebasco Services, Inc (subs of Linserch Corp) 80/01/31 44pp

##### G Inspection reports, IE Bulletins & correspondence

8003100039 Responds to IE Bulletin 79-14 re seismic analysis for safety-related piping sys Piping installation at facilities has not progressed to point where meaningful insps can be made Appropriate response is not possible  
RENNERGER, D L Washington Public Power Supply System 79/11/05 1p

8003100084 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generators are not connected in manner described in bulletin Testing until occur before fuel loading  
RENNERGER, D L Washington Public Power Supply System 79/11/08 1p

8003110329 Responds to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " No plans for utilizing concrete expansion bolts  
RENNERGER, D L Washington Public Power Supply System 79/12/13 1p

8003270453 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Westinghouse BFD relays not in use at facilities  
RENNERGER, D L Washington Public Power Supply System 80/01/28 1p

8003060481 Forwards IE Insp Repts 80-808/80-01 & 80-509/80-01 on 800108-11 No noncompliance noted  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/06 2pp

# DOCKETED ITEMS

295

8003060460 IE Insp Repts 50-508/80-01 & 50-509/80-01 on 800108-11 No noncompliance noted Major areas inspected const activities including licensee action on deficiency items, previous insp findings, welding procedure review & record review DODDB, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch HERNANDEZ, G, BISHOP, T W Region 5, San Francisco, Office of the Director 80/02/05 12pp

8003280069 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Contractors to be informed & requested to identify affected switches Switches identified to be replaced RENBERGER, D L Washington Public Power Supply System 80/02/07 1p

8003120299 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003270441 Responds to IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two Inch Tray Adsorber Cells " Facility charcoal adsorber units are of all welded const supplied by CTI Nuclear IE Bulletin 80-03 subj does not apply RENBERGER, D L Washington Public Power Supply System 80/03/03 1p

8003140382 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180119 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260574 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260401 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250164 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260357 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## S. Reportable occurrences, LERs & related correspondence

8003140245 Ack receipt of 800131 ltr transmitting final deficiency rept re omission of vertical reinforcing steel in fuel handling bldg wall Corrective actions to be examined in next insp ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/11 1p

8003140257 Forwards final deficiency rept re omission of vertical reinforcing steel in fuel handling bldg wall Corrective action to be implemented prior to 800215 STRAND, N G Washington Public Power Supply System 80/01/31 1p

8003140262 Deficiency rept re omission of vertical reinforcing steel in fuel handling bldg wall Holes drilled for grouting of addl dowels. \* Washington Public Power Supply System 80/01/31 3pp

## DOCKET 80N-50-509 WPPSS NUCLEAR PROJECT, UNIT 3

### A Application/construction stage documents & correspondence

8003110588 Submits info. per NRC 800206 request re endangered & threatened species present in proposed const area No species proposed for endangered list are within area MEYER, W H Interior, Dept of, Fish & Wildlife Service 80/02/29 4pp.

8003310244 Informs util of refund re Mar 1974 CP application Fees paid exceed costs incurred in processing & issuance of permits MILLER, W O License Fee Management Branch 80/03/03 1p

8003250344 Forwards Ebasco Svcs, Inc rept: "Groundwater Draining Sys Analysis of Sys Performance " Design parameters used in development of sys have resulted in provision of adequate & conservative protection to plant RENBERGER, D L Washington Public Power Supply System 80/03/14 3pp

8003250347 "Groundwater Drainage Sys Analysis of Sys Performance " Oversize drawings encl \* Ebasco Services, Inc (subs. of Enserch Corp) 80/01/31 44pp

## Q Inspection reports, IE Bulletins & correspondence

8003100057 Responds to IE Bulletin 79-14 re seismic analysis for safety-related piping sys Piping installation at facilities has not progressed to point where meaningful insps can be made Appropriate response is not possible RENBERGER, D L Washington Public Power Supply System 79/11/05 1p

8003100084 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generators are not connected in manner described in bulletin Testing will occur before fuel loading RENBERGER, D L Washington Public Power Supply System 79/11/08 1p

8003110329 Responds to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " No plans for utilizing concrete expansion bolts RENBERGER, D L Washington Public Power Supply System 79/12/13 1p

8003270453 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Westinghouse BFD relays not in use at facilities RENBERGER, D L Washington Public Power Supply System 80/01/28 1p

8003060451 Forwards IE Insp Repts 50-508/80-01 & 50-509/80-01 on 800108-11 No noncompliance noted SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/06 2pp

8003060460 IE Insp Repts 50-508/80-01 & 50-509/80-01 on 800108-11 No noncompliance noted Major areas inspected const activities including licensee action on deficiency items, previous insp findings, welding procedure review & record review DODDB, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch HERNANDEZ, G, BISHOP, T W Region 5, San Francisco, Office of the Director 80/02/05 12pp

8003280069 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Contractors to be informed & requested to identify affected switches Switches identified to be replaced RENBERGER, D L Washington Public Power Supply System 80/02/07 1p

8003120299 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003270441 Responds to IE Bulletin 80-03, "Loss of Charcoal From Std Type II, Two Inch Tray Adsorber Cells " Facility charcoal adsorber units are of all welded const supplied by CTI Nuclear IE Bulletin 80-03 subj does not apply RENBERGER, D L Washington Public Power Supply System 80/03/03 1p

8003140382 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180119 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

## DOCKETED ITEMS

8003260574 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/10 1p

8003260401 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/13 1p

8003250164 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260357 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

## DOCKET 50-510 BLUE HILLS STATION, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003130503 Provides info to establish that area is growing residential community Includes statistics for single family dwellings located in area from 1975-1979 & population figures for Zachary & Baker, LA  
COOK, J Gulf States Utilities Co 80/03/07 1p

## DOCKET 50-511 BLUE HILLS STATION UNIT 2

## A Application/construction stage documents &amp; correspondence

8003130503 Provides info to establish that area is growing residential community Includes statistics for single family dwellings located in area from 1975-1979 & population figures for Zachary & Baker, LA  
COOK, J Gulf States Utilities Co 80/03/07 1p

## DOCKET 50-513 WPPSS NUCLEAR PROJECT, UNIT 4

## A Application/construction stage documents &amp; correspondence

8003240042 Notification of 800226-2B meeting w/util at plant sites to review const progress  
LYNCH, M D Light Water Reactors Branch 4 80/02/19 4pp

8003110588 Submits info, per NRC 800206 request re endangered & threatened species present in proposed const area No species proposed for endangered list are within area  
MEYER, W H Interior, Dept of, Fish & Wildlife Service 80/02/29 4pp

## H General correspondence

8003190849 Responds to 800122 ltr to President Carter requesting info re plants w/similar design to TMI-2 Provides list of all B&W designed plants  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 1p

## Q Inspection reports, IF Bulletins &amp; correspondence

8003170139 Responds to IE Bulletin 79-23, "Potential Failure of Emergency Diesel Generator Field Exciter Transformer " Diesel generator neutrals are grounded through transformer & current limiting resistors  
RENNBERGER, D L Washington Public Power Supply System 79/11/12 1p

8003110323 Forwards response to IE Bulletin 79-02, Revision 2, "Pipe Support Base Plate Designs Using Concrete Expansion Anchor Bolts " Approx 80% pipe supports do not require anchors & are attached by bolting into embedded inserts  
RENNBERGER, D L Washington Public Power Supply System 80/01/24 12pp

8003060761 Forwards IE Insp Repts 50-460/79-14 & 50-513/79-14 on 791127-30 & 1210-13. No noncompliance noted  
SPENCER, G B Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/05 2pp

--8003060769 IE Insp Repts 50-460/79-14 & 50-513/79-14 on 791127-30 & 1210-13. No noncompliance noted Major areas inspected const activities ie safety-related piping installation, welding activities, welder training, piping vendor & receipt records  
DDDD, R Y Region 5, San Francisco, Reactor Construction & Engineering Support Branch HERNANDEZ, G J, NARBUT, P P Region 5, San Francisco, Office of the Director 80/02/05 5pp

8003280065 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Contractors to be informed & requested to determine compliance w/recommendations  
RENNBERGER, D L Washington Public Power Supply System 80/02/11 1p

8003280090 Responds to IE Bulletin 79-25, "Failures of Westinghouse BFD Relays in Safety-Related Sys " Relays not in use in facility design Review to discover if Class IE contracts contain Westinghouse relays to be completed by 800229  
RENNBERGER, D L Washington Public Power Supply System 80/02/11 1p

8003120299 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/02/29 1p

8003140382 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/07 2pp

8003180119 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/07 1p

8003260574 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/10 1p

8003260401 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/13 1p

8003250164 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260357 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

## S Reportable occurrences, LERs &amp; related correspondence

8003130374 PNO-V-80-001 on 800129, field studies for WNP-2 FSAR identified fault in rock quarry southeast of Kennewick, WA Significance not determined Technical evaluation will be provided in Mar 1980  
BISHOP, T W Region 5, San Francisco, Office of the Director  
80/02/15 1p

## DOCKET 50-514 PEBBLE SPRINGS NUCLEAR PLANT, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003040577 Notifies that util has no comments on USDA ltr to NRC re alternative plant sites Agrees w/Advisory Council on Historic Preservation & GR Dept of Land Conservation & Development comments to NRC Response to DOI 800118 ltr encl  
LINDBLAD, W J Portland General Electric Co 80/02/25 4pp

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Util is concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized.  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

# DOCKETED ITEMS

297

## G Adjudicatory correspondence

8003040657 Notice of withdrawal from proceeding Certificate of Svc  
encl  
PATON, W D Hearing Branch 4 80/02/29 3pp

8003190326 Notifies that NRC supports util request for partial initial  
decision on site suitability matters intervenors should have  
30 days from date of issuance of final suppl to FEB to  
indicate whether they will contest conclusions  
BORDENICK, B M Hearing Branch 4 80/03/10 2pp

8003190928 Forwards "Radiological Assessment of Nylh Nuclear Power  
Plant, NRC Translation 520," per 800229 telcon request NRC  
response to forwarded rept will be provided when available  
Also forwards Rogovin rept, Vol 1 W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

## DOCKET 50-515 PEBBLE SPRINGS NUCLEAR PLANT, UNIT 2

### A Application/construction stage documents & correspondence

8003040577 Notifies that util has no comments on USDA ltrs to NRC re  
alternative plant sites Agrees w/Advisory Council on  
Historic Preservation & OR Dept of Land Conservation &  
Development comments to NRC Response to DDI 800118 ltr encl  
LINDBLAD, W J Portland General Electric Co 80/02/25 4pp

8003100001 Requests opportunity to discuss priority of NRC CP  
activities in post-TMI period Utills are concerned about  
availability of NRC resources in coming yr to deal  
w/related hearings NRC resources can be optimized  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

## G Adjudicatory correspondence

8003040657 Notice of withdrawal from proceeding Certificate of Svc  
encl  
PATON, W D Hearing Branch 4 80/02/29 3pp

8003190326 Notifies that NRC supports util request for partial initial  
decision on site suitability matters intervenors should have  
30 days from date of issuance of final suppl to FEB to  
indicate whether they will contest conclusions  
BORDENICK, B M Hearing Branch 4 80/03/10 2pp

8003190928 Forwards "Radiological Assessment of Nylh Nuclear Power  
Plant, NRC Translation 520," per 800229 telcon request NRC  
response to forwarded rept will be provided when available  
Also forwards Rogovin rept, Vol 1 W/o encl  
BORDENICK, B M Hearing Branch 4 80/03/10 1p

## DOCKET STN-80-516 JAMESPORT NUCLEAR STATION, UNIT 1

### G Adjudicatory correspondence

8003190637 Ninth status rept per ASLAD 790607 grant for indefinite  
extension of time, for NRC to respond to Suffolk County  
motion to file supplemental brief NRC task action plan being  
prepared Certificate of Svc encl  
BORDENICK, B M Hearing Branch 4 80/03/11 4pp

## G Inspection reports, IE Bulletins & correspondence

8003060662 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003120742 Responds to IE Bulletin 79-28, "Possible Malfunction of  
NAMCO Model EA180 Limit Switches at Elevated Temps "  
No switches purchased yet If purchased, suitable controls  
will be instituted.  
PLABKON, R E Long Island Lighting Co 80/02/07 1p

8003120456 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003190254 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260291 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260396 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "  
Action & written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260132 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003260322 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

8003260036 Forwards IE Circular 80-04, "Securing of Threaded Locking  
Devices on Safety-Related Equipment " No written response  
required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## DOCKET STN-80-517 JAMESPORT NUCLEAR STATION, UNIT 2

### G Adjudicatory correspondence

8003190637 Ninth status rept per ASLAD 790607 grant for indefinite  
extension of time, for NRC to respond to Suffolk County  
motion to file supplemental brief NRC task action plan being  
prepared Certificate of Svc encl  
BORDENICK, B M Hearing Branch 4 80/03/11 4pp

## G Inspection reports, IE Bulletins & correspondence

8003060662 Notifies that NRC intends to routinely forward to  
appropriate state public util regulatory groups & state atty  
general ofcs, copies of escalated enforcement correspondence  
sent by NRC to licensees  
ORIER, B H Region 1, Philadelphia, Office of the Director  
79/11/29 1p

8003120742 Responds to IE Bulletin 79-28, "Possible Malfunction of  
NAMCO Model EA180 Limit Switches at Elevated Temps "  
No switches purchased yet If purchased, suitable controls  
will be instituted  
PLABKON, R E Long Island Lighting Co 80/02/07 1p

8003120456 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/02/29 1p

8003190254 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260291 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/07 1p

8003260396 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in  
Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks "  
Action & written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/10 1p

8003260132 Forwards IE Bulletin 80-06, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/13 1p

8003260322 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO  
Valves in Nuclear Applications Including Fire Protection  
Sys " No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director  
80/03/14 1p

## DOCKETED ITEMS

8003260036 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
 GRIER, B H Region 1, Philadelphia, Office of the Director  
 80/03/14 1p

## DOCKET STN-50-518 HARTSVILLE NUCLEAR PLANT, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003270200 Forwards NRC 800128 & 0211 ltr to GE re control rod drive sys mods & analyses of boil-off rates & control rod drive sys return line nozzle. Further info & guidance will be issued in NUREG-0619  
 BAER, R L Light Water Reactors Branch 2 80/03/13 3pp

## H General correspondence

8003090448 Forwards affidavit of svc for Amend 30 to PSAR  
 MILLS, L M Tennessee Valley Authority 80/02/13 2pp

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060480 Forwards IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted  
 MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/04 2ppp

--8003060486 IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted. Major areas inspected structural concrete, A-1 reactor pressure vessel receipt & outstanding items  
 CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch SHAN, W B, HERDT, A R Region 2, Atlanta, Office of the Director 80/01/02 10pp

8003050291 Forwards IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050297 IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted. Major areas inspected organizational/functional alignment, audits, quality requirements & work & quality insp procedures  
 CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch BROWLIE, V L Region 2, Atlanta, Office of the Director 80/01/24 5pp

8003140365 Ack receipt of 800118 supplemental ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/31 2pp

--8003140368 Responds to NRC 80010/ ltr re violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24. Corrective actions alternative QC method will be used to insure highest std of electrodes  
 MILLS, L M Tennessee Valley Authority 80/01/18 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys." No specific action or response required  
 O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31, 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
 O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p.

8003190340 Forwards IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance noted  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190356 IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance noted. Major areas inspected structural concrete, A-1 reactor pressure vessel installation & handling  
 CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch SHAN, W B Region 2, Atlanta, Office of the Director 80/02/01, 6pp

8003190738 Forwards IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190749 IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted. Major areas inspected welding of steel structures & supports & welding of safety-related piping  
 HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch CROWLEY, B R Region 2, Atlanta, Office of the Director 80/01/31 7pp

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits." No action or response required  
 O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
 MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition." No written response required  
 O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
 O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190756 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190768 Responds to NRC 800129 ltr re violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28. Corrective actions insp & craft personnel reminded of preheat requirements  
 MILLS, L M Tennessee Valley Authority 80/02/19 2pp

--8003190777 Forwards IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 & notice of violation  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/29 2pp

--8003190785 Notice of violation from insp on 791211-14  
 \* Region 2, Atlanta, Office of the Director 80/01/22 1p

--8003190798 IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 Noncompliance noted weld ticket for seam DVS00035 (repair) signed off before welder was ready to start welding  
 HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch CONNORS, N Region 2, Atlanta, Office of the Director 80/01/22 4pp

8003190857 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190865 Responds to NRC 800130 ltr re violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29. Corrective actions review of slump & strength test of individual samples was made on pour & found acceptable  
 MILLS, L M Tennessee Valley Authority 80/02/19 3pp

--8003190871 Forwards IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 & notice of violation  
 BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/30 2pp

--8003190877 Notice of violation from insp on 791217-19  
 \* Region 2, Atlanta, Office of the Director 80/01/10 1p

# DOCKETED ITEMS

299

--8003190888 IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 Noncompliance noted unsatisfactory batch plant water control  
HARRIS, J R Region 2, Atlanta, Office of the Director COLON, T E  
Region 2, Atlanta, Reactor Construction & Engineering Support  
Branch 80/01/30 3pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29  
2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07  
2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07  
3pp

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13  
3pp

8003260572 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14  
1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14  
3pp

## 9 Reportable occurrences, I&Rs & related correspondence

8003120495 Forwards first interim deficiency rept re wiring discrepancies on high pressure core spray components  
Final rept will be forwarded by 800829  
MILLS, L M Tennessee Valley Authority 80/03/07 1p

--8003120498 First interim deficiency rept re wiring discrepancies on high pressure core spray components GE & Morrison-Knudsen sent task force to correct discrepancies in switchgear & air compressor skids  
\* Tennessee Valley Authority 80/03/07 1p

8003180372 Forwards interim deficiency rept re weld deficiencies in reactor pressure vessel shield wall  
MILLS, L M Tennessee Valley Authority 80/03/13 1p

--8003180377 Interim deficiency rept re weld deficiencies in reactor pressure vessel shield wall Dr 25 welds inspected, 17 were found to be of unacceptable quality Backing bar will be stripped from first two shells of wall  
\* Tennessee Valley Authority 80/03/13 1p

8003210374 Forwards final deficiency rept re incorrect concrete mix in shield bldg wall  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210376 Final deficiency rept re use of incorrect concrete mix in shield bldg wall Matis engineer failed to consult drawing for determination of correct concrete mix Compressive strength tests performed indicated acceptability for use  
\* Tennessee Valley Authority 80/03/14 2pp

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

8003260646 Forwards third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260648 Third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate Cause unstated Work halted on containment anchor bolt chair for Units 1 & 2 All welders to attend training  
\* Tennessee Valley Authority 80/03/19 1p

## DOCKET STN-50-519 HARTSVILLE NUCLEAR PLANT, UNIT 2

### A Application/construction stage documents & correspondence

8003270200 Forwards NRC 800128 & 0211 ltrs to GE re control rod drive sys mods & analyses of bail-off rates & control rod drive sys return line nozzle Further info & guidance will be issued in NUREG-0619  
BAER, R L Light Water Reactors Branch 2 80/03/13 3pp

### H General correspondence

8003050448 Forwards affidavit of svc for Amend 30 to PSAR  
MILLS, L M Tennessee Valley Authority 80/02/13 2pp

### Q Inspection reports, IE Bulletins & correspondence

8003060480 Forwards IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/04 2pp

--8003060486 IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted Major areas inspected structural concrete, A-1 reactor pressure vessel receipt & outstanding items  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch SWAN, W B, HERDT, A R Region 2, Atlanta, Office of the Director 80/01/02 10pp.

8003050271 Forwards IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050277 IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted Major areas inspected organizational/functional alignment, audits, quality requirements & work & quality insp procedures  
CONLON, T F Region 2, Atlanta, Reactor Construction & Engineering Support Branch BROWNLEE, V L Region 2, Atlanta, Office of the Director 80/01/24 5pp

8003140365 Act receipt of 800118 supplemental ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/31 2pp

--8003140368 Responds to NRC 800107 ltr re violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24 Corrective actions alternative QC method will be used to insure highest std of electrodes  
MILLS, L M Tennessee Valley Authority 80/01/18 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190340 Forwards IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190356 IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance noted Major areas inspected structural concrete, A-1 reactor pressure vessel installation & handling  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch SWAN, W B Region 2, Atlanta, Office of the Director 80/02/01 6pp

## DOCKETED ITEMS

8003190738 Forwards IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190749 IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted Major areas inspected welding of steel structures & supports & welding of safety-related piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch CROWLEY, B R Region 2, Atlanta, Office of the Director 80/01/31 7pp

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IF Info Notice 80-05, "Chloride Contamination of Safety-Related Piping / Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190756 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190768 Responds to NRC 800127 ltr re violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28  
Corrective actions Insp & craft personnel reminded of preheat requirements  
MILLS, L M Tennessee Valley Authority 80/02/19 2pp

--8003190777 Forwards IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/29 2pp

--8003190785 Notice of violation from Insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/22 1p

--8003190798 IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 Noncompliance noted weld ticket for seam DVS00035 (repair) signed off before welder was ready to start welding  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ECONOMOS, N Region 2, Atlanta, Office of the Director 80/01/22 4pp

8003190857 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190865 Responds to NRC 800130 ltr re violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
Corrective actions review of slump & strength test of individual samples was made on pour & found acceptable  
MILLS, L M Tennessee Valley Authority 80/02/19 3pp

--8003190871 Forwards IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/20 2pp

--8003190888 IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 Noncompliance noted unsatisfactory batch plant water control  
HARRIS, J R Region 2, Atlanta, Office of the Director COLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/30 3pp

8003190039 Forwards IE Info Notice 80-04, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IF Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250572 Forwards IE Info Notice 80-11, "Genetic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IL Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

#### S Reportable occurrences, IERs & related correspondence

8003120495 Forwards first interim deficiency rept re wiring discrepancies on high pressure core spray components  
Final rept will be forwarded by 800829  
MILLS, L M Tennessee Valley Authority 80/03/07 1p

--8003120498 First interim deficiency rept re wiring discrepancies on high pressure core spray components OF & Harrison-Knudsen sent task force to correct discrepancies in switchgear & air compressor skids  
\* Tennessee Valley Authority 80/03/07 1p

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

8003260646 Forwards third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260648 Third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate Cause unstated Work halted on containment anchor bolt chair for Units 1 & 2 All welders to attend training  
\* Tennessee Valley Authority 80/03/19 1p

#### DOCKET STN-50-520 HARTSVILLE NUCLEAR PLANT, UNIT 3

#### A Application/construction stage documents & correspondence

8003270200 Forwards NRC 800128 & 0211 ltrs to OE re control rod drive sys mode & analyses of boil-off rates & control rod drive sys return line nozzle Further info & guidance will be issued in NUREG-0619  
BAER, R L Light Water Reactors Branch 2 80/03/13 3pp

# DOCKETED ITEMS

301

## H General correspondence

8003050448 Forwards affidavit of svc for Amend 30 to PSAR  
MILLS, L M Tennessee Valley Authority 80/02/13 2pp

## G Inspection reports, IE Bulletins & correspondence

8003060480 Forwards IE Insp Repts 50-518/79-27, 50-519/79-27,  
50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance  
noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/04 2ppp

--8003060486 IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 &  
50-521/79-27 on 790924-1124 No noncompliance noted Major  
areas inspected structural concrete, A-1 reactor pressure  
vessel receipt & outstanding items  
CANTRELL, F S Region 2, Atlanta, Reactor Construction &  
Engineering Support Branch SWAN, W B, HERDT, A R Region 2,  
Atlanta, Office of the Director 80/01/02 10pp

8003050291 Forwards IE Insp Repts 50-518/80-02, 50-519/80-02,  
50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance  
noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/24 2pp

--8003050297 IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 &  
50-521/80-02 on 800108-11 No noncompliance noted Major areas  
inspected organizational/functional alignment, audits, quality  
requirements & work & quality insp procedures  
COLON, T E Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch BROWNLEE, V L Region 2, Atlanta, Office of the  
Director 80/01/24 5pp

8003140365 Ack receipt of 800118 supplemental ltr informing NRC of  
steps taken to correct violations noted in IE Insp Repts  
50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/31 2pp

--8003140368 Responds to NRC 800107 ltr re violations noted in IE Insp  
Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24  
Corrective actions alternative GC method will be used to  
insure highest std of electrodes  
MILLS, L M Tennessee Valley Authority 80/01/18 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine  
Electrohydraulic Control Sys " No specific action or  
response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut  
Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31  
1p

8003190340 Forwards IE Insp Repts 50-518/79-30, 50-519/79-30,  
50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance  
noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/02/04 2pp

--8003190356 IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 &  
50-521/79-30 on 791126-1221 No noncompliance noted Major  
areas inspected structural concrete, A 1 reactor pressure  
vessel installation & handling  
CANTRELL, F S Region 2, Atlanta, Reactor Construction &  
Engineering Support Branch SWAN, W B Region 2, Atlanta, Office  
of the Director 80/02/01 6pp

8003190738 Forwards IE Insp Repts 50-518/80-01, 50-519/80-01,  
50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance  
noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/02/04 2pp

--8003190749 IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 &  
50-521/80-01 on 800114-17 No noncompliance noted Major areas  
inspected welding of steel structures & supports & welding  
of safety-related piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch CROWLEY, B R Region 2, Atlanta, Office of the  
Director 80/01/31 7pp

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess  
of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04  
1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO  
Model EAL80 stem mounted switches that are code dated  
between Feb & Aug 1979 at Sequoyah Unit 1 Investigation  
continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line  
Break W/Continued Feedwater Addition " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of  
Safety-Related Piping & Components " No written response  
required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08  
1p

8003190756 Ack receipt of 800219 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-518/79-28,  
50-519/79-28, 50-520/79-28 & 50-521/79-28  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/02/28 2pp

--8003190768 Responds to NRC 800129 ltr re violations noted in IE Insp  
Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28  
Corrective actions insp & craft personnel reminded of  
preheat requirements  
MILLS, L M Tennessee Valley Authority 80/02/19 2pp

--8003190777 Forwards IE Insp Repts 50-518/79-28, 50-519/79-28,  
50-520/79-28 & 50-521/79-28 on 791211-14 & notice of  
violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/29 2pp

--8003190785 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/22 1p

8003190857 Ack receipt of 800219 ltr informing NRC of steps taken to  
correct violations noted in IE Insp Repts 50-518/79-29,  
50-519/79-29, 50-520/79-29 & 50-521/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/02/28 2pp

--8003190865 Responds to NRC 800130 ltr re violations noted in IE Insp  
Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
Corrective actions review of slump & strength test of  
individual samples was made on pour & found acceptable  
MILLS, L M Tennessee Valley Authority 80/02/19 3pp

--8003190871 Forwards IE Insp Repts 50-518/79-29, 50-519/79-29,  
50-520/79-29 & 50-521/79-29 on 791217-19 & notice of  
violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering  
Support Branch 80/01/30 2pp

--8003190877 Notice of violation from insp on 791217-19  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190888 IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 &  
50-521/79-29 on 791217-19 Noncompliance noted unsatisfactory  
batch plant water control  
HARRIS, J R Region 2, Atlanta, Office of the Director COLON, T E  
Region 2, Atlanta, Reactor Construction & Engineering Support  
Branch 80/01/30 3pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue  
Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29  
2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear  
Instrument Sys Power Supply During Operation " No specific  
action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07  
2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link  
Electrical Terminal Block " No specific action or response  
requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07  
3pp

8003260239 Forwards IE Bulletin 80-04, "Engineered Safety Feature  
(ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13  
3pp



## DOCKETED ITEMS

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCD Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

#### S Reportable occurrences, LERs & related correspondence

8003120495 Forwards first interim deficiency rept re wiring discrepancies on high pressure core spray components  
Final rept will be forwarded by 800829  
MILLS, L M Tennessee Valley Authority 80/03/07 1p

--8003120498 First interim deficiency rept re wiring discrepancies on high pressure core spray components GE & Morrison-Knudson sent task force to correct discrepancies in switchgear & air compressor skids  
\* Tennessee Valley Authority 80/03/07 1p

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

8003260646 Forwards third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260648 Third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate Cause unstated Work halted on containment anchor bolt chair for Units 1 & 2 All welders to attend training  
\* Tennessee Valley Authority 80/03/19 1p

#### DOCKET 8TH-50-521 HARTSVILLE NUCLEAR PLANT, UNIT 4

##### A Application/construction stage documents & correspondence

8003270200 Forwards NRC 800128 & 0211 ltrs to OE re control rod drive sys mods & analyses of boil-off rates & control rod drive sys return line nozzle Further info & guidance will be issued in NUREG-0619  
BAER, R L Light Water Reactors Branch 2 80/03/13 3pp

##### H General correspondence

8003050448 Forwards affidavit of svc for Amend 30 to PSAR  
MILLS, L M Tennessee Valley Authority 80/02/13 2pp

##### Q Inspection reports, IE Bulletins & correspondence

8003060480 Forwards IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted  
MURPHY, C E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/04 2ppp

--8003060486 IE Insp Repts 50-518/79-27, 50-519/79-27, 50-520/79-27 & 50-521/79-27 on 790924-1124 No noncompliance noted Major areas inspected structural concrete, A-1 reactor pressure vessel receipt & outstanding items  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/02 10pp

8003050291 Forwards IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 2pp

--8003050297 IE Insp Repts 50-518/80-02, 50-519/80-02, 50-520/80-02 & 50-521/80-02 on 800108-11 No noncompliance noted Major areas inspected organizational/functional alignment, audits, quality requirements & work / quality insp procedures  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/24 5pp

8003140365 Ack receipt of 800118 supplemental ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/31 2pp

--8003140368 Responds to NRC 800107 ltr re violations noted in IE Insp Repts 50-518/79-24, 50-519/79-24, 50-520/79-24 & 50-521/79-24 Corrective actions alternative QC method will be used to insure highest std of electrodes  
MILLS, L M Tennessee Valley Authority 80/01/18 3pp

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys." No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190340 Forwards IE Insp Repts 50-518/79-30, 50-519/79-30, 50-520/79-30 & 50-521/79-30 on 791126-1221 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

8003190738 Forwards IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190749 IE Insp Repts 50-518/80-01, 50-519/80-01, 50-520/80-01 & 50-521/80-01 on 800114-17 No noncompliance noted Major areas inspected welding of steel structures & supports & welding of safety-related piping  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/31 7pp

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits." No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components." No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190756 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190768 Responds to NRC 800129 ltr re violations noted in IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 Corrective actions, insp & craft personnel reminded of preheat requirements  
MILLS, L M Tennessee Valley Authority 80/02/19 2pp

--8003190777 Forwards IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/29 2pp

# DOCKETED ITEMS

30

--8003190788 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/22 1p

--8003190798 IE Insp Repts 50-518/79-28, 50-519/79-28, 50-520/79-28 & 50-521/79-28 on 791211-14 Noncompliance noted weld ticket for seam DVS00035 (repair) signed off before welder was ready to start welding  
HERDT, A R Region 2, Atlanta, Reactor Construction & Engineering Support Branch ECONDMOS, N Region 2, Atlanta, Office of the Director 80/01/22 4pp

8003190857 Ack receipt of 800219 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/28 2pp

--8003190865 Responds to NRC 800130 ltr re violations noted in IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29  
Corrective actions review of slump & strength test of individual samples was made on pour & found acceptable  
MILLS, L M Tennessee Valley Authority 80/02/19 3pp

--8003190871 Forwards IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/30 2pp

--8003190877 Notice of violation from insp on 791217-19  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190888 IE Insp Repts 50-518/79-29, 50-519/79-29, 50-520/79-29 & 50-521/79-29 on 791217-19 Noncompliance noted unsatisfactory batch plant water control  
HARRIS, J R Region 2, Atlanta, Office of the Director 80/01/30 3pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Blinding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications including Fire Protection Sys " No action or written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

S Reportable occurrences, LERs & related correspondence

8003120495 Forwards first interim deficiency rept re wiring discrepancies on high pressure core spray components.  
Final rept will be forwarded by 800829  
MILLS, L M Tennessee Valley Authority 80/03/07 1p.

--8003120498 First interim deficiency rept re wiring discrepancies on high pressure core spray components GE & Morrison-Knudson sent task force to correct discrepancies in switchgear & air compressor skids  
\* Tennessee Valley Authority 80/03/07 1p

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

8003260646 Forwards third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate  
MILLS, L M Tennessee Valley Authority 80/03/19 1p

--8003260648 Third interim deficiency rept re deficient welds between containment anchor bolt chair & both containment shell & base plate Cause unstated Work halted on containment anchor bolt chair for Units 1 & 2 All welders to attend training  
\* Tennessee Valley Authority 80/03/19 1p

DOCKET STN-50-522 SKAGIT NUCLEAR POWER PROJECT, UNIT 1  
-----  
A Application/construction stage documents & correspondence  
-----

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Utilis are concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

8003260081 Approves util request to withhold 790914 offshore seismic surveys in northern San Juan Islands from public disclosure under 10CFR2 790 Data of same type & persuasion as that approved for withholding on 760112  
STOLZ, J F Light Water Reactors Branch 1 80/03/10 2pp

G Adjudicatory correspondence  
-----

8003060219 Forwards two Seattle Times 800212 articles to be considered in NRC reappraisal of military aviation risk analysis as offered by NRC in licensing hearing 790717 session Requests investigation of Grumman A-6 accidents W/Certificate of Svc  
LEED, R M Leed, R M 80/02/15 3pp

8003140259 Forwards corrected Page B & notifies of significant errors on Pages 14 & 22 of Tribes' brief on review  
BUSCH, R W Evergreen Legal Services 80/02/21 2pp

--8003140264 Corrected Page B of Tribes' brief on review Certificate of Svc encl  
TREBY, S A SWANSON, D T Hearing Branch 1 80/02/21 3pp

8003040598 Response in opposition to DOI 800215 motion for extension until 800414 to file brief amicus curiae Motion filed at last day of permitted period Certificate of Svc encl  
\* Puget Sound Power & Light Co \* Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/22 5pp

8003060748 Response stating no objection to Secretary of DOI 800215 request for 60 day extension to file brief amicus curiae re admission of Indian Tribes in proceeding Certificate of Svc encl  
TREBY, S A Hearing Branch 1 80/03/05 3pp

8003140161 Response stating no objection to DOI 800215 request for 60-day extension to file brief amicus curiae re Indian Tribes' admission as intervenors in proceeding Certificate of Svc encl  
TREBY, S A Hearing Branch 1 80/03/05 3pp

8003130675 Background, purpose & results of 800222 conference between parties in Seattle, WA, re position change on geological & seismological issues as principal Focus Applicants determined to proceed w/CP application  
DEALE, V B Atomic Safety and Licensing Board Panel. 80/03/06 7pp.

8003280291 Order granting extension until 800415 for DOI to file views amicus curiae re Indian Tribes late intervention in CP proceeding Commission will give preliminary consideration to parties' brief in order to mitigate effects of delay  
CHILK, B J Office of the Secretary of the Commission 80/03/10 2pp

H General correspondence  
-----

8003070304 Requests deletion of T Carr from emergency preparedness board notification list  
RYAN, K M Washington, State of 80/02/26 1p

## DOCKETED ITEMS

## DOCKET STN-50-523 SKAGIT NUCLEAR POWER PROJECT, UNIT 2

## A Application/construction stage documents &amp; correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period. Utills are concerned about availability of NRC resources in coming yr to deal w/related hearings. NRC resources can be optimized.  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

8003260081 Approves util request to withhold 790914 offshore seismic surveys in northern San Juan Islands from public disclosure under 10CFR2 790 Data of same type & persuasion as that approved for withholding on 760112  
STOLZ, J F Light Water Reactors Branch 1 80/03/10 2pp

## G Adjudicatory correspondence

8003060219 Forwards two Seattle Times 800212 articles to be considered in NRC reappraisal of military aviation risk analysis as offered by NRC in licensing hearing 790717 session. Requests investigation of Grumman A-6 accidents w/Certificate of Svc  
LEED, R M Leed, R M 80/02/15 5pp

8003140259 Forwards corrected Page 8 & notifies of significant errors on Pages 14 & 22 of Tribes' brief on review  
BUSCH, R W Evergreen Legal Services 80/02/21 2pp

--8003140264 Corrected Page 8 of Tribes' brief on review Certificate of Svc encl  
TREBY, S A SHANSON, D T Hearing Branch 1 80/02/21 3pp

8003040698 Response in opposition to DOI 800215 motion for extension until 800414 to file brief amicus curiae Motion filed at last day of permitted period Certificate of Svc encl  
\* Puget Sound Power & Light Co \* Lowenstein, Newman, Reis, Axelrad & Toll 80/02/22 5pp

8003060768 Response stating no objection to Secretary of DOI 800215 request for 60 day extension to file brief amicus curiae re admission of Indian Tribes in proceeding Certificate of Svc encl  
TREBY, S A Hearing Branch 1 80/03/05 3pp

8003140161 Response stating no objection to DOI 800215 request for 60-day extension to file brief amicus curiae re Indian Tribes' admission as intervenors in proceeding Certificate of Svc encl  
TREBY, S A Hearing Branch 1 80/03/05 3pp

8003130675 Background, purpose & results of 800222 conference between parties in Seattle, WA, re position change on geological & seismological issues as principal focus. Applicants determined to proceed w/CP application  
DEALE, V B Atomic Safety and Licensing Board Panel 80/03/06 9pp

8003280291 Order granting extension until 800415 for DOI to file views amicus curiae re Indian Tribes late intervention in CP proceeding. Commission will give preliminary consideration to parties' brief in order to mitigate effects of delay  
CHILK, B J Office of the Secretary of the Commission 80/03/10 2pp

## H General correspondence

8003070304 Requests deletion of T Carr from emergency preparedness board notification list  
RYAN, K M Washington, State of 80/02/26 1p

## DOCKET STN-50-528 PALO VERDE NUCLEAR STATION, UNIT 1

## A Application/construction stage documents &amp; correspondence

8003190404 Notification of 800311 meeting w/util in Bethesda, MD to discuss plans re review of facility OL application  
LICITRA, E A Light Water Reactors Branch 3 80/03/03 3pp

8003280534 Forwards exhibits re util caseload forecast & proposed review schedule, discussed at 800228 meeting w/Bechtel C-E & NRC. NRC was briefed at meeting re current status of util const & measures to expedite review schedule  
VAN BRUNT, E E Arizona Public Service Co 80/03/06 3pp

## G Adjudicatory correspondence

8003110661 Forwards response to petition of Friends of the Earth for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/02/27 2pp

--8003110665 Responds to Friends of the Earth petition for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities. Petition should be denied due to low environ risk & small probability of Class 9 accident  
\* Arizona Public Service Co 80/02/27 7pp

## G Inspection reports, IE Bulletins &amp; correspondence

8003110297 Forwards 790706 ltr in response to IE Bulletin 79-02, Revision 2. Info previously provided not changed by Revision 2 of bulletin  
VAN BRUNT, E E Arizona Public Service Co 79/11/16 1p

8003100027 Responds to IE Bulletin 79-25 re failures of Westinghouse BFD relays in safety-related sys. Westinghouse BFD relays are not used at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/01/04 1p

8003280037 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps." Anchor-Darling & Kerotest using subj switches & will ensure that switches are installed w/suitable gasket matl  
VAN BRUNT, E E Arizona Public Service Co 80/02/08 1p

8003190658 Forwards IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07. No noncompliance noted  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/15 2pp

--8003190867 IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07 on 791201-18. No noncompliance noted. Major areas inspected const activities including Unit 1 cooling towers & steam generators & Unit 2 reactor vessel transport  
HAYNES, R C Region 5, San Francisco, Reactor Construction & Engineering Support Branch VORDERBRUEGGEN Region 5, San Francisco, Office of the Director 80/02/13 5pp

8003030187 Ack receipt of 790803, 800111 & 31 ltrs informing NRC of steps taken to correct violation noted in IE insp on 790319-23  
SPENCER, G S Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/19 1p

--8003050193 Submits addl info in response to violation noted in IE insp on 790319-23. Corrective actions diesel generator openings properly sealed  
VAN BRUNT, E E Arizona Public Service Co 80/01/31 1p

--8003050196 Provides supplementary info re violations noted in IE insp on 790319-23. Corrective actions diesel generator supplier will make appropriate changes to packaging & shipping  
VAN BRUNT, E E Arizona Public Service Co 80/01/11 3pp

--8003050200 Responds to NRC 790621 ltr re violation noted in IE insp on 790319-23. Corrective actions installed diesel generator space heaters & performed megger test of generator winding  
VAN BRUNT, E E Arizona Public Service Co 79/08/03 9pp

8003140157 Ack receipt of 800219 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/26 1p

--8003140168 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03. Corrective actions on 791025 NRC C-A-1592 was initiated to document results of QC insp on pump support assemblies  
VAN BRUNT, E E Arizona Public Service Co 80/02/19 3pp

--8003140173 Forwards IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 & notice of violation  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/16 2pp

--8003140176 Notice of violation from insp on 791022-26  
\* Region 5, San Francisco, Office of the Director 80/01/11 1p

# DOCKETED ITEMS

305

--8003140179 IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 Noncompliance noted undersized welds in support assemblies  
ECKHARDT, J H, NARBUT, P P Region 5, San Francisco, Office of the Director  
DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/11 8pp

8003120270 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140373 Forwards IF Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180108 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260562 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260368 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250153 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260342 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## S Reportable occurrences, LERs & related correspondence

8003240069 Confirms 800207 telcon re failure of valves Forwards Part 21 rept  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

--8003240078 Part 21 rept on 800116, motor operated gate valve installed in test loop failed to close completely when actuated under operating conditions Caused by inadequate guiding of valve gate guides were modified & retested  
WHEATON, W R Borg-Warner Corp 80/02/12 2pp

8003120435 Forwards final deficiency rept re safety-related pipe support assemblies installed in facility  
VAN BRUNT, E E Arizona Public Service Co 80/03/06 1p

--8003120438 Final deficiency rept re welds on safety-related pipe support assemblies installed in facility. Caused by visual acceptance of weld lengths & fillet size, rather than dimensional insp w/insp tools & lack of insp before installation  
\* Arizona Public Service Co 80/03/06, 3pp

## DOCKET BYN-50-529 PALO VERDE NUCLEAR STATION, UNIT 2

### A Application/construction stage documents & correspondence

8003190404 Notification of 800311 meeting w/util in Bethesda, MD to discuss plans re review of facility QL application.  
LICITRA, E A Light Water Reactors Branch 3, 80/03/03 3pp

8003230534 Forwards exhibits re util caseload forecast & proposed review schedule, discussed at 800228 meeting w/Bechtel C-E & NRC. NRC was briefed at meeting re current status of util const & measures to expedite review schedule  
VAN BRUNT, E E Arizona Public Service Co 80/03/06, 3pp.

## Q Adjudicatory correspondence

8003110661 Forwards response to petition of Friends of the Earth for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/02/27 2pp

--8003110665 Responds to Friends of the Earth petition for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities. Petition should be denied due to low environ risk & small probability of Class 9 accident  
\* Arizona Public Service Co 80/02/27 7pp

## Q Inspection reports, IF Bulletins & correspondence

8003110297 Forwards 790706 ltr in response to IE Bulletin 79-02, Revision 2 info previously provided not changed by Revision 2 of bulletin  
VAN BRUNT, E E Arizona Public Service Co 79/11/16 1p

8003100027 Responds to IE Bulletin 79-25 re failures of Westinghouse BFD relays in safety-related sys Westinghouse BFD relays are not used at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/01/04 1p

8003280037 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 Limit Switches at Elevated Temps " Anchor-Darling & Kerotest using subj switches & will ensure that switches are installed w/suitable gasket matl  
VAN BRUNT, E E Arizona Public Service Co 80/02/08 1p

8003190858 Forwards IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07 No noncompliance noted  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/15 2pp

--8003190857 IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07 on 791201-18 No noncompliance noted Major areas inspected const activities including Unit 1 cooling towers & steam generators & Unit 2 reactor vessel transport  
HAYNES, R C Region 5, San Francisco, Reactor Construction & Engineering Support Branch VORDERBRUGGEN Region 5, San Francisco, Office of the Director 80/02/13 5pp

8003050187 Ack receipt of 790803, 800111 & 31 ltrs informing NRC of steps taken to correct violation noted in IE insp on 790319-23  
SPENCER, Q S Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/19 1p

--8003050193 Submits addl info in response to violation noted in IE insp on 790319-23 Corrective actions diesel generator openings properly sealed  
VAN BRUNT, E E Arizona Public Service Co 80/01/31 1p

--8003050196 Provides supplementary info re violations noted in IE insp on 790319-23 Corrective actions diesel generator supplier will make appropriate changes to packaging & shipping.  
VAN BRUNT, E E Arizona Public Service Co 80/01/11 3pp

--8003050200 Responds to NRC 790621 ltr re violation noted in IE insp on 790319-23 Corrective actions installed diesel generator space heaters & performed megger test of generator winding  
VAN BRUNT, E E Arizona Public Service Co 79/08/03, 9pp.

8003140157 Ack receipt of 800219 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/26 1p

--8003140168 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 Corrective actions on 791025 NRC C-A-1392 was initiated to document results of QC insp on pump support assemblies  
VANBRUNT, E E Arizona Public Service Co 80/02/19 3pp

--8003140173 Forwards IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 & notice of violation.  
SPENCER, Q S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/16 2pp.

--8003140176 Notice of violation from insp on 791022-26  
\* Region 5, San Francisco, Office of the Director 80/01/11 1p

## DOCKETED ITEMS

--8003140179 IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 Noncompliance noted undersized welds in support assemblies  
ECKHARDT, J H, NARBUT, P P Region 5, San Francisco, Office of the Director  
Director DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/11 8pp

8003120270 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140373 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180108 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260562 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260368 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

8003250153 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

8003260342 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

#### DOCKET STN-50-530 PALO VERDE NUCLEAR STATION, UNIT 3

##### A Application/construction stage documents & correspondence

8003190404 Notification of 800311 meeting w/util in Bethesda, MD to discuss plans re review of facility DL application.  
LICITRA, E A Light Water Reactors Branch 3 80/03/03 3pp.

8003250594 Forwards exhibits re util caseload forecast & proposed review schedule, discussed at 800228 meeting w/Bechtel C-E & NRC NRC was briefed at meeting re current status of util const & measures to expedite review schedule  
VAN BRUNT, E E Arizona Public Service Co 80/03/06 3pp

##### G Adjudicatory correspondence

8003110661 Forwards response to petition of Friends of the Earth for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/02/27 2pp

--8003110665 Responds to Friends of the Earth petition for NRC to prepare supplemental EIS re impact of Class 9 accidents at facilities Petition should be denied due to low environ risk & small probability of Class 9 accident  
\* Arizona Public Service Co 80/02/27 7pp

##### Q Inspection reports, IE Bulletins & correspondence

8003110297 Forwards 790706 ltr in response to IE Bulletin 79-02, Revision 2 info previously provided not changed by Revision 2 of bulletin  
VAN BRUNT, E E Arizona Public Service Co 79/11/16 1p

8003100027 Responds to IE Bulletin 79-25 re failures of Westinghouse BFD relays in safety-related sys Westinghouse BFD relays are not used at facilities  
VAN BRUNT, E E Arizona Public Service Co 80/01/04 1p

8003280037 Responds to IE Bulletin 79-28, "Possible Malfunction of NAMCO Model EA180 limit Switches at Elevated Temps " Anchor-Darling & Kerotest using subj switches & will ensure that switches are installed w/suitable gasket matl  
VAN BRUNT, E E Arizona Public Service Co 80/02/08 1p

8003190898 Forwards IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07 No noncompliance noted  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/15 2pp

--8003190867 IE Insp Repts 50-528/79-11, 50-529/79-11 & 50-530/79-07 on 791201-18 No noncompliance noted Major areas inspected const activities including Unit 1 cooling towers & steam generators & Unit 2 reactor vessel transport  
HAYNES, R C Region 5, San Francisco, Reactor Construction & Engineering Support Branch VORDCRDRUEGGEN Region 5, San Francisco, Office of the Director 80/02/13 5pp

8003050187 Ack receipt of 790803, 800111 & 31 ltrs informing NRC of steps taken to correct violation noted in IE insp on 790319-23  
SPENCER, G S Region 4, Dallas Reactor Construction & Engineering Support Branch 80/02/19 1p

--8003050193 Submits addl info in response to violation noted in IE insp on 790319-23 Corrective actions diesel generator openings properly sealed  
VAN BRUNT, E E Arizona Public Service Co 80/01/31 1p

--8003050200 Responds to NRC 790621 ltr re violation noted in IE insp on 790319-23 Corrective actions installed diesel generator space heaters & performed megger test of generator winding  
VAN BRUNT, E E Arizona Public Service Co 79/08/03 9pp

8003140157 Ack receipt of 800219 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/02/26 1p

--8003140168 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 Corrective actions on 791025 NRC C-A-1592 was initiated to document results of GC insp on pump support assemblies  
VANBRUNT, E E Arizona Public Service Co 80/02/19 3pp

--8003140173 Forwards IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 & notice of violation  
SPENCER, G S Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/16 2pp

--8003140176 Notice of violation from insp on 791022-26  
\* Region 5, San Francisco, Office of the Director 80/01/11 1p

--8003140179 IE Insp Repts 50-528/79-07, 50-529/79-07 & 50-530/79-03 on 791022-26 Noncompliance noted undersized welds in support assemblies  
ECKHARDT, J H, NARBUT, P P Region 5, San Francisco, Office of the Director  
Director DODDS, R T Region 5, San Francisco, Reactor Construction & Engineering Support Branch 80/01/11 8pp

8003120270 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/02/29 1p

8003140373 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 2pp

8003180108 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/07 1p

8003260562 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/10 1p

8003260368 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required.  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/13 1p

# DOCKETED ITEMS

8003250153 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

8003260342 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director  
80/03/14 1p

DOCKET SYN-90-531 GESSAR-251

A Application/construction stage documents & correspondence

8003110611 Forwards addl info for NRC review of OE responses to preliminary design approval extension items info supplements Amends 46 & 47 of Nuclear Island GESSAR re NBSB & addresses regulatory guidance issued between 781013 & 800303  
SHERWOOD, G Q General Electric Co 80/03/03 12pp

DOCKET 50-537 CLINCH RIVER BREEDER REACTOR

A Application/construction stage documents & correspondence

8003180331 Forwards WARD-D-0210, "Predicted Steady State Thermal-Hydraulic Performance of Fuel & Blanket Assemblies in Plant Heterogeneous Core," Revision 1  
COPELAND, R L Energy Dept of, Clinch River Breeder Reactor Plant  
80/03/11 1p

--8003180333 "Predicted Steady State Thermal-Hydraulic Performance of Fuel & Blanket Assemblies in Plant Heterogeneous Core," Revision 1  
CORELLI, M D, BACH, C W Westinghouse Electric Corp WARD-D-0210 R1 79/01/31 215pp

8003310161 Forwards CRBRP-3, "Hypothetical Core Disruptive Accident Considerations, Vol 2 Assessment of Thermal Margin Beyond Design Base " Reactor containment integrity maintained for at least 24-h following event  
COPELAND, R L Energy Dept of, Clinch River Breeder Reactor Plant  
80/03/25 2pp

--8003310164 "Hypothetical Core Disruptive Accident Considerations, Vol 2 Assessment of Thermal Margin Beyond Design Base " \* Energy Dept of, Clinch River Breeder Reactor Plant CRBRP-3 V2  
80/03/31 600pp

P Operating license stage documents & correspondence

8003130228 Submits application to amend licenses adding Outaveken Angteknik AB as addl intermediate consignee  
DAHLSTROM, C G Westinghouse Electric Corp 80/02/13 1p

DOCKET 50-538 MEMPHIS STATE UNIV RESEARCH REACTOR

G Adjudicatory correspondence

8003280093 Notice of appearance in proceeding Certificate of Svc encl  
BROCKEY, D D Kentucky, State of 80/03/05 2pp

G Inspection reports, IE Bulletins & correspondence

8003110484 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/01 1p

DOCKET SYN-50-546 MARBLE HILL NUCLEAR STATION, UNIT 1

A Application/construction stage documents & correspondence

8003110254 Confirms 800220 meeting in Glenn Elynn, IL re corrective actions related to const activities.  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/02/20, 1p.

8003110396 Requests expedition of application re eligibility of Archaeological Site 12Jm4, McNeil Stone Fort, for Natl Register Ltr of concurrence from IN State Historic Preservation Officer encl  
SHIELDS, S W Public Service Co of Indiana, Inc. 80/02/27 2pp

8003280536 Forwards "Description of Licensee Activities Addressing Order Confirming Suspension of Const." in response to 790815 order  
SHIELDS, S W Public Service Co of Indiana, Inc 80/02/28 3pp

--8003280539 "Description of Licensee Activities Addressing Order Confirming Suspension of Const " \* Public Service Co of Indiana, Inc 80/02/28 86pp

8003070386 Submits info re changes in context & organizational elements of QA program  
SHIELDS, S W Public Service Co of Indiana, Inc 80/03/06 19pp

8003240197 Confirms plans to meet w/util on 800325 in Madison, IN to discuss response to 790815 Order Confirming Suspension of Const  
KEPPLER, J Q Region 3, Chicago, Office of the Director 80/03/11 3pp

G Adjudicatory correspondence

8003050074 Opposes const of facility Liabilities outweigh any future assets Evacuation plans would have to include residential segment, inmates of prison, alcoholic treatment ctr & facility for retarded  
MASON, J Affiliation Unknown 80/02/02 1p

--8003050078 Supports local community having voice in decision re const of facility  
MARKER, L H Affiliation Unknown 80/01/31 1p

8003130073 Opposes const of plant on grounds of poor workmanship, inadequacy of evacuation plan & exposure to radiation  
RIPPERDON, D Affiliation Unknown 80/02/21 2pp

--8003130082 Urges Commission support of proposal requiring areas surrounding nuclear power plants to file evacuation plan before issuance of DL Requests stronger regulations & closer insps re const quality  
DAVIS, R K Affiliation Unknown 80/02/11 2pp

--8003130087 Urges provisions for local participation in developing evacuation plans  
LUCAS, R Affiliation Unknown 80/02/07 1p

8003240093 Responds to 791227 ltr transmitting Saluda Township resolution re emergency preparedness NRC has no authority to provide special funding program to Saluda Township Emergency preparedness concerns should be discussed w/local officials  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 1p

--8003240099 Forwards Saluda Township 791220 resolution requesting dialogue w/federal govt, funding to develop emergency plans & direct access to health & safety monitoring programs  
ORAY, R Saluda Township, IN 79/12/27 2pp

8003200135 Memorandum & order denying Sassafras Audubon Society & Knob & Valley Audubon Society requests for hearing re IE order confirming const suspension IF shall review requests prior to const W/P Bradford dissenting views & Certificate of Svc  
CHILK, S J Office of the Secretary of the Commission 80/03/13 16pp

H General correspondence

8002280391 Requests placement on mailing list for activities of utility  
BENNETT, C L Affiliation Unknown 80/02/20 1p

8003240625 Responds to request for placement on svc lists for facilities lists are limited to parties who take part in CP or DL proceedings Svc list info is routinely available in LPDRs, which are located near nuclear facilities  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/10 5pp

I Financial information

8003210510 Forwards "Annual Financial Rept 1979" & "Financial Statements as of 791231 & for 1978" for Wabash Valley Power Assoc  
SHIELDS, S W Public Service Co of Indiana, Inc 80/03/14 1p

--8003210514 "Annual Financial Rept 1979 " Supporting documentation encl \* Public Service Co of Indiana, Inc 80/01/25 54pp

## DOCKETED ITEMS

Q Inspection reports, IE Bulletins & correspondence

8003050093 Forwards IE Insp Repts 50-546/79-25 & 50-547/79-25 on 791114-16 & 20 & notice of violation  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/15 2pp

--8003050097 Notice of violation from insp on 791114-16 & 20  
 \* Region 3, Chicago, Office of the Director 80/01/14 2pp

--8003050106 IE Insp Repts 50-546/79-25 & 50-547/79-25 on 791114-16 & 20  
 Noncompliance noted failure to provide proper storage & maint of matl  
 HARRISON, J J, WILLIAMS, C C Region 3, Chicago, Office of the Director 80/01/14 6pp

8003050435 Forwards IE Insp Repts 50-546/80-01 & 50-547/80-01 on 800102-04 No noncompliance noted  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/23 2pp

--8003050440 IE Insp Repts 50-546/80-01 & 50-547/80-01 on 800102-04 No noncompliance noted Major areas inspected activities of progress re order confirming suspension of const of safety-related areas  
 WILLIAMS, C C, SCHWEIBINZ, E R Region 3, Chicago, Office of the Director 80/01/22 8pp

--8003050447 Responds to NRC info request re util 770616 memo Primary concern was to get purchase orders from util to Newberg & from Newberg to subcontractors for work already underway. No safety-related work occurred during this period  
 SHIELDS, S W Public Service Co of Indiana, Inc 80/01/07 2pp

8003120188 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours " No written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

8003140250 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch Tray Adsorber Cells " Action required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

8003110141 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " Written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003190362 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

8003250039 Forwards IE Insp Repts 50-546/79-27 & 50-547/79-27 on 791203-21 No noncompliance noted  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--8003250043 IE Insp Repts 50-546/79-27 & 50-547/79-27 on 791203-21 No noncompliance noted Major areas inspected auxiliary bldg, fuel handling bldg, Units 1 & 2 containments & miscellaneous areas to verify compliance w/790807 stop work order  
 WILLIAMS, C C, HARRISON, J J Region 3, Chicago, Office of the Director 80/02/07 3pp

1003110192 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003200287 Responds to IE Bulletin 79-25 re failure of Westinghouse BFD Relays. Relays not used or planned for use in safety-related sys  
 SHIELDS, S W Public Service Co of Indiana, Inc 80/02/25 1p.

8003120392 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking." No response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p.

8003200533 Ack receipt of 800215 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-546/79-25 & 50-547/79-25  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

--8003200541 Responds to NRC 800115 ltr re violations noted in IE Insp Repts 50-546/79-25 & 50-547/79-25 Corrective actions entire Cherno-Westinghouse warehouse rearranged & items properly stacked during late Nov & Dec 1979  
 SHIELDS, S W Public Service Co of Indiana, Inc 80/02/15 4pp

8003260310 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260548 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260319 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250120 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

8003260263 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
 KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

S Reportable occurrences, LERs & related correspondence

8003110360 PNO-III-80-034 on 800220, industrial accident occurred at const site Mobile crane got stuck in mud Operator raised load to try to free crane & it tipped over & killed him  
 SCHWEIBINZ, E R, WILLIAMS, C C, FIORELLI, G Region 3, Chicago, Office of the Director 80/02/21 1p

8003070015 Ack receipt of 800207 final deficiency rept re possible nonconservative rod drop analyses Matter will be reviewed at future insp  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/25 1p

8003190666 Ack receipt of 800206 final deficiency rept re potential for erroneous steam generator level indications during high energy line breaks inside containment  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003250575 Ack receipt of 800207 final deficiency rept re existence of undetectable failure in engineered safety features actuation sys  
 FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003180569 Final deficiency rept re protective functions performed by safety grade equipment as identified by Westinghouse One scenario not applicable to facility No further action is necessary for design of other three sys  
 SHIELDS, S W Public Service Co of Indiana, Inc 80/03/10 7pp

U Congressional/Executive Correspondence

8003060374 Responds to 791220 ltr supporting Subcommittee on Environment & Natural Resources recommendation re Commission involvement in decision to permit restart of facility const Commission requested related briefing by encl 800123 memo.  
 BICKHIT, L Office of the General Counsel 80/02/04 1p

--8003060383 Expresses view that Commission should be involved in decision to permit resumption of facility const. Requests related briefing by NRC  
 CHILK, S J Office of the Secretary of the Commission 80/01/23 1p

--8003060391 Discusses suspension of facility const Commission should be involved w/decision to permit const resumption since issue involves policy considerations NRC should brief Commission when situation improves  
 AHEARNE, J F Commission. 80/01/21 1p

# DOCKETED ITEMS

309

B003060400 Responds to Subcommittee on Environ. Energy & Natural Resources 791206 ltr requesting that Commission be involved in decision to permit resumption of facility const  
BICKWIT, L Office of the General Counsel 80/02/04 1p

--B003060404 Discusses Commission role in decisions involving policy considerations Commissioners must make & be held accountable for major decisions Requests that Commission be involved in decision to permit resumption of facility const  
MOFFETT, T House of Rep., Government Operations 79/12/06 4pp

## DOCKET STN-50-547 MARBLE HILL NUCLEAR STATION, UNIT 2

### A Application/construction stage documents & correspondence

B003110254 Confirms B00220 meeting in Glenn Ellyn, IL re corrective actions related to const activities  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/20 1p

B003110376 Requests expedition of application re eligibility of Archaeological Site 12J64, McNeil Stone Fort, for Natl Register Ltr of concurrence from IN State Historic Preservation Officer encl  
SHIELDS, S W Public Service Co of Indiana, Inc 80/02/27 2pp

B003280536 Forwards "Description of Licensee Activities Addressing Order Confirming Suspension of Const." in response to 790815 order  
SHIELDS, S W Public Service Co of Indiana, Inc 80/02/28 3pp

--B003280539 "Description of Licensee Activities Addressing Order Confirming Suspension of Const"  
\* Public Service Co of Indiana, Inc 80/02/28 86pp

B003070386 Submits info re changes in context & organizational elements of GA program  
SHIELDS, S W Public Service Co of Indiana, Inc 80/03/06 19pp

B00324019/ Confirms plans to meet w/util on B00325 in Madison, IN to discuss response to 790819 Order Confirming Suspension of Const  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/11 3pp

### G Adjudicatory correspondence

B003050094 Opposes const of facility Liabilities outweigh any future assets Evacuation plans would have to include residential segment; inmates of prison, alcoholic treatment ctr & facility for retarded  
MASON, J Affiliation Unknown 80/02/02 1p

--B003050098 Supports local community having voice in decision re const of facility  
MARKER, L H Affiliation Unknown 80/01/31 1p

B003130073 Opposes const of plant on grounds of poor workmanship, inadequacy of evacuation plan & exposure to radiation  
RIPPERDON, D Affiliation Unknown 80/02/21 2pp

--B003130082 Urges Commission support of proposal requiring areas surrounding nuclear power plants to file evacuation plan before issuance of DL Requests stronger regulations & closer insps re const quality  
DAVIS, R K Affiliation Unknown 80/02/11 2pp

--B003130087 Urges provisions for local participation in developing evacuation plans  
LUCAS, R Affiliation Unknown 80/02/07 1p

B003240093 Responds to 791227 ltr transmitting Saluda Township resolution re emergency preparedness NRC has no authority to provide special funding program to Saluda Township Emergency preparedness concerns should be discussed w/local officials  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/06 1p

--B003240099 Forwards Saluda Township 791220 resolution requesting direct dialogue w/federal govt, funding to develop emergency plans & direct access to health & safety monitoring programs  
GRAY, R Saluda Township, IN 79/12/27 2pp

B003200135 Memorandum & order denying Sassafras Audubon Society & Knob & Valley Audubon Society requests for hearing re IE order confirming const suspension IE shall review requests prior to const w/P Bradford dissenting views & Certificate of Svc  
CHILK, S J Office of the Secretary of the Commission 80/03/13 16pp

### H General correspondence

B002280391 Requests placement on mailing list for activities of utility  
BENNETT, C L Affiliation Unknown 80/02/20 1p

B003240625 Responds to request for placement on svc lists for facilities Lists are limited to parties who take part in CP or DL proceedings Svc list info is routinely available in LPRs, which are located near nuclear facilities  
RUBENSTEIN, L S Light Water Reactors Branch 4 80/03/10 5pp

### I Financial information

B003210510 Forwards "Annual Financial Rept 1979" & "Financial Statements as of 791231 & for 1978" for Wabash Valley Power Assoc  
SHIELDS, S W Public Service Co of Indiana, Inc 80/03/14 1p

--B003210514 "Annual Financial Rept 1979" Supporting documentation encl  
\* Public Service Co of Indiana, Inc 80/01/25 34pp

### G Inspection reports, IE Bulletins & correspondence

B003050093 Forwards IE Insp Repts 50-546/79-25 & 50-547/79-25 on 791114-16 & 20 & notice of violation  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/15 2pp

--B003050097 Notice of violation from insp on 791114-16 & 20  
\* Region 3, Chicago, Office of the Director 80/01/14 2pp

--B003050106 IE Insp Repts 50-546/79-25 & 50-547/79-25 on 791114-16 & 20 Noncompliance noted failure to provide proper storage & maint of matl  
HARRISON, J J, WILLIAMS, C C Region 3, Chicago, Office of the Director 80/01/14 6pp

B003050635 Forwards IE Insp Repts 50-546/80-01 & 50-547/80-01 on B00102-04 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/01/21 2pp

--B003050640 IE Insp Repts 50-546/80-01 & 50-547/80-01 on B00102-04 No noncompliance noted Major areas inspected activities of progress re order confirming suspension of const of safety-related areas  
WILLIAMS, C C, SCHWEIBINZ, E R Region 3, Chicago, Office of the Director 80/01/22 8pp

--B003050647 Responds to MRC info request re util 770616 memo Primary concern was to get purchase orders from util to Newberg & from Newberg to subcontractors for work already underway No safety-related work occurred during this period  
SHIELDS, S W Public Service Co of Indiana, Inc 80/01/07 2pp

B003120188 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/01 1p

B003140250 Forwards IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells" Action required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/06 1p

B003110141 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition" Written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

B003190362 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components" No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/08 1p

B003250039 Forwards IE Insp Repts 50-546/79-27 & 50-547/79-27 on 791203-21 No noncompliance noted  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/08 2pp

--B003250043 IE Insp Repts 50-546/79-27 & 50-547/79-27 on 791203-21 No noncompliance noted Major areas inspected auxiliary bldg, fuel handling bldg, Units 1 & 2 containments & miscellaneous areas to verify compliance w/790807 stop work order  
WILLIAMS, C C, HARRISON, J J Region 3, Chicago, Office of the Director 80/02/07 3pp



## DOCKETED ITEMS

8003110192 Forwards corrected IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/14 1p

8003200287 Responds to IE Bulletin 79-25 re failure of Westinghouse BFD Relays Relays not used or planned for use in safety-related sys  
SHIELDS, S W Public Service Co of Indiana, Inc 80/02/25 1p

8003120392 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/02/29 1p

8003200533 Ack receipt of 800215 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 80-546/79-25 & 80-547/79-25  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

--8003200541 Responds to NRC 800115 ltr re violations noted in IE Insp Repts 80-546/79-25 & 80-547/79-25 Corrective actions entire Chernobyl-Westinghouse warehouse rearranged & items properly stacked during late Nov & Dec 1979  
SHIELDS, S W Public Service Co of Indiana, Inc 80/02/15 4pp

8003260510 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10, 1p

8003260549 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/10 1p

8003260319 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/13 1p

8003250120 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p.

8003260263 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

S Reportable occurrences, LERs & related correspondence

8003110360 PNO-111-80-034 on 800220, industrial accident occurred at const site Mobile crane got stuck in mud Operator raised load to try to free crane & it tipped over & killed him  
SCHNEIBLIN, E R, WILLIAMS, C C, FIORELLI, G, Region 3, Chicago, Office of the Director 80/02/21 1p

8003070015 Ack receipt of 800207 final deficiency rept re possible nonconservative rod drop analyses Matter will be reviewed at future insp  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/02/25 1p

8003190666 Ack receipt of 800206 final deficiency rept re potential for erroneous steam generator level indications during high energy line breaks inside containment  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003250575 Ack receipt of 800207 final deficiency rept re existence of undetectable failure in engineered safety features actuation sys  
FIORELLI, G Region 3, Chicago, Reactor Construction & Engineering Support Branch 80/03/05 1p

8003180569 Final deficiency rept re protective functions performed by safety grade equipment as identified by Westinghouse One scenario is not applicable to facility. No further action is necessary for design of other three sys.  
SHIELDS, S W Public Service Co of Indiana, Inc 80/03/10, 7pp.

## U Congressional/Executive Correspondence

8003060374 Responds to 791220 ltr supporting Subcommittee on Environ, Energy & Natural Resources recommendation re Commission involvement in decision to permit restart of facility const Commission requested related briefing by encl 800123 memo  
BICKMIT, L Office of the General Counsel 80/02/04 1p

--8003060383 Expresses view that Commission should be involved in decision to permit resumption of facility const Requests related briefing by NRC  
CHILK, S J Office of the Secretary of the Commission 80/01/23 1p

--8003060391 Discusses suspension of facility const Commission should be involved w/decision to permit const resumption since issue involves policy considerations NRC should brief Commission when situation improves  
AHEARNE, J F Commission 80/01/21 1p

8003060400 Responds to Subcommittee on Environ, Energy & Natural Resources 791206 ltr requesting that Commission be involved in decision to permit resumption of facility const  
BICKMIT, L Office of the General Counsel 80/02/04 1p

--8003060404 Discusses Commission role in decisions involving policy considerations Commissioners must make & be held accountable for major decisions Requests that Commission be involved in decision to permit resumption of facility const.  
MOFFETT, T House of Rep, Government Operations 79/12/06 4pp

## DOCKET 80-549 GREENE COUNTY NUCLEAR POWER PLANT

## Q Inspection reports, IE Bulletins &amp; correspondence

8003060481 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs. copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p

## DOCKET STN-80-550 GESSAR-238-DOP INTERFACE

## A Application/construction stage documents &amp; correspondence

8003110611 Forwards addl info for NRC review of GE responses to preliminary design approval extension items info supplements Amends 46 & 47 of Nuclear Island GESSAR re NSSB & addresses regulatory guidance issued between 781013 & 800303  
SHERKWOOD, G G General Electric Co 80/03/03 12pp

## DOCKET STN-80-553 PHIPPS BOND NUCLEAR PLANT, UNIT 1

## B Utility Preliminary Safety Analysis Report, amends

8003170336 Forwards Amend 17 to PSAR, changing meteorological program, requirements for fly ash content, essential water sys, ultimate heat sink & minor miscellaneous items  
MILLS, L M Tennessee Valley Authority 80/03/13 1p

--8003170340 Amend 17 to PSAR Thirteen oversize drawings encl  
\* Tennessee Valley Authority 80/02/29, 136pp

## H General correspondence

8003240487 Forwards affidavit certifying that Amend 17 to PSAR was served on individuals identified in affidavit on 800312  
MILLS, L M Tennessee Valley Authority 80/03/12 2pp.

## Q Inspection reports, IF Bulletins &amp; correspondence

8003170032 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31, 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31, 1p

## DOCKETED ITEMS

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190591 Ack receipt of 800201 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-553/79-17 & 50-554/79-16  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003190596 Responds to NRC 800110 ltr re violations noted in IE Insp Repts 50-553/79-17 & 50-554/79-16 Corrective actions all welding performed w/required max weave width & work package revised to close excessive root gap  
MILLS, L M Tennessee Valley Authority 80/02/01 4pp

--8003190401 Forwards IE Insp Repts 50-553/79-17 & 50-554/79-16 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp

--8003190604 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190608 IE Insp Repts 50-553/79-17 & 50-554/79-16 on 791211-14 Noncompliance noted failure to follow welding weave requirements & failure to follow procedure for documenting fitup insp results  
HERDT, A R, CROWLEY, B R Region 2, Atlanta, Office of the Director 80/01/10 7pp

8003190110 Ack receipt of 800207 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-553/79-18 & 50-554/79-17  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p

--8003190121 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-553/79-18 & 50-554/79-17 Corrective actions on 791213 QC Investigation Rept 20085 was written re voids on cadweld instructions given to cadweld inspectors  
MILLS, L M Tennessee Valley Authority 80/02/07 3pp

--8003190127 Forwards IE Insp Repts 50-553/79-18 & 50-554/79-17 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/16 2pp

--8003190131 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/16 1p

--8003190137 IE Insp Repts 50-553/79-18 & 50-554/79-17 on 791211-14 Noncompliance noted one cadweld splice out of 406, exceeding void limit of 3 O square inches, had been accepted by QC  
WRIGHT, R W Region 2, Atlanta, Office of the Director  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/16 6pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07, 2pp.

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003210506 Forwards revised response to Noncompliance Item 553/79-17-01 re containment shell welds identified in NRC 800110 ltr  
MILLS, L M Tennessee Valley Authority 80/03/14 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCD Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p.

8003260161 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

### S Reportable occurrences, LERs & related correspondence

8003030365 Forwards third interim deficiency rept re HPCS diesel generator switchgear wiring discrepancies  
MILLS, L M Tennessee Valley Authority 80/02/25 1p

--8003030370 Interim Deficiency Rept 3 re wiring discrepancies in HPCS diesel generator control switchgear QE determined that vendor did not check all wiring Meeting scheduled on 800225 between QE & Morrison-Knudsen to resolve problems  
\* Tennessee Valley Authority 80/02/25 1p

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

### DOCKET STN-50-554 PHIPPS BEND NUCLEAR PLANT, UNIT 2

### B Utility Preliminary Safety Analysis Report, amends

8003170336 Forwards Amend 17 to PSAR, changing meteorological program, requirements for fly ash content, essential water sys, ultimate heat sink & minor miscellaneous items  
MILLS, L M Tennessee Valley Authority 80/03/13 1p

--8003170340 Amend 17 to PSAR Thirteen oversize drawings encl  
\* Tennessee Valley Authority 80/02/29 136pp

### H General correspondence

8003240487 Forwards affidavit certifying that Amend 17 to PSAR was served on individuals identified in affidavit on 800312  
MILLS, L M Tennessee Valley Authority 80/03/12 2pp

### Q Inspection reports, IF Bulletins & correspondence

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003260019 Forwards IE Info Notice 80-04, "BWR Fuel Exposure in Excess of Limits " No action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/04 1p

## DOCKETED ITEMS

8003210176 Forwards response to IE Bulletin 79-2B Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190591 Ack receipt of 800201 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 50-553/79-17 & 50-554/79-16  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/14 2pp

--8003190596 Responds to NRC 800110 ltr re violations noted in IE Insp Repts 50-553/79-17 & 50-554/79-16 Corrective actions all welding performed w/required max weave width & work package revised to close excessive root gap  
MILLS, L M Tennessee Valley Authority 80/02/01 4pp

--8003190601 Forwards IE Insp Repts 50-553/79-17 & 50-554/79-16 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/10 2pp

--8003190604 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/10 1p

--8003190608 IE Insp Repts 50-543/79-17 & 50-554/79-16 on 791211-14 Noncompliance noted failure to follow welding weave requirements & failure to follow procedure for documenting fitup insp results  
HERDT, A R ; CRONLEY, B R Region 2, Atlanta, Office of the Director 80/01/10 7pp

8003190110 Ack receipt of 800207 ltr informing NRC of steps taken to correct violation noted in IE Insp Repts 50-553/79-18 & 50-554/79-17  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/21 1p

--8003190121 Responds to NRC 800116 ltr re violations noted in IE Insp Repts 50-553/79-18 & 50-554/79-17 Corrective actions on 791213 QC Investigation Rept 20085 was written re voids on cadweld instructions given to cadweld inspectors  
MILLS, L M Tennessee Valley Authority 80/02/07 3pp

--8003190127 Forwards IE Insp Repts 50-553/79-18 & 50-554/79-17 on 791211-14 & notice of violation  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/16 2pp

--8003190131 Notice of violation from insp on 791211-14  
\* Region 2, Atlanta, Office of the Director 80/01/16 1p

--8003190137 IE Insp Repts 50-553/79-18 & 50-554/79-17 on 791211-14 Noncompliance noted one cadweld splice out of 406, exceeding void limit of 3.0 square inches, had been accepted by QC  
WRIGHT, R W Region 2, Atlanta, Office of the Director  
CANTRELL, F S Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/01/16 6pp

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response requested  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003210506 Forwards revised response to Noncompliance Item 553/79-17-01 re containment shell welds identified in NRC 800110 ltr  
MILLS, L M Tennessee Valley Authority 80/03/14 3pp

8003250572 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

S Reportable occurrences, LERs & related correspondence

8003030365 Forwards third interim deficiency rept re HPCS diesel generator switchgear wiring discrepancies  
MILLS, L M Tennessee Valley Authority 80/02/25 1p

--8003030370 Interim Deficiency Rept 3 re wiring discrepancies in HPCS diesel generator control switchgear OE determined that vendor did not check all wiring Meeting scheduled on 800225 between OE & Morrison-Knudson to resolve problems  
\* Tennessee Valley Authority 80/02/25 1p

8003210407 Forwards suppl to 800118 final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments  
MILLS, L M Tennessee Valley Authority 80/03/14 1p

--8003210418 Suppl to final deficiency rept re inadequate matl traceability on Bergen-Paterson component support attachments Util obtained resolution on remaining certification of attachments for 18 pipe hangers  
\* Tennessee Valley Authority 80/03/14 2pp

DOCKET GTN-50-556 BLACK FOX STATION, UNIT 1

A Application/construction stage documents & correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period Util is concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

8003310447 Forwards NRC 800128 & 0211 ltrs to OE discussing analysis of bollooff rates & mods to BWR control rod drive return line nozzles to prevent cracking Mods should not be performed before issuance of NUREG-0619 or w/o NRC guidance  
STOLZ, J F Light Water Reactors Branch 1 80/03/07 2pp

G Adjudicatory correspondence

8003240588 Opposes const of facilities due to problems w/disposal of radwaste & possibility of damage by tornado  
PRICKETT, S Affiliation Unknown 80/02/08 1p

8002250057 Forwards applicants' motion to strike Atty General response to ALAB-573, applicants' motion to dismiss Class 9 accident inquiry & applicants' response to ASLAB inquiry re need to consider Class 9 issue in proceeding  
GALLD, J Isham, Lincoln & Beale 80/02/11 1p

8003140137 Requests reopening of environ & site suitability hearings to discuss meltdown issue  
PLANT, D Affiliation Unknown 80/02/14 2pp

--8003140139 Requests meetings be held in Tulsa, OK re proposed increase in emergency evacuation zone around nuclear power plants  
BUSHYHEAD, D Y Affiliation Unknown 80/02/10 1p

8003120369 Requests environ & site suitability hearings be reopened to address potential meltdown at proposed facility  
FOSTER, S Affiliation Unknown 80/02/15 1p

--8003120380 Requests environ & site suitability hearings be reopened to address potential meltdown at proposed facility.  
ATWATER, T Affiliation Unknown 80/02/21 1p

# DOCKETED ITEMS

31

8003030028 Response to State of OK 800207 request for relief Reopening record re Class 9 environ consequences & reservation of judgement until rulemaking completion should be denied Addl time for discovery may be granted Certificate of Svc encl  
DAVIS,L D Hearing Branch 4 80/02/26 10pp

8003050157 Forwards JF Stolt 800211 ltr re NRC financial review in response to RE Bryant concerns as Central & Southwest Corp stockholder w/o encl  
DAVIS,L D Hearing Branch 4 80/02/26 3p

8003180157 Response in opposition to applicant's 800211 pleadings to strike State of OK response to ALAB-573 Urges Commission to reject applicants late responses re need to consider Class 9 accident consequences  
FARRIS,J R Farris, J R 80/02/26 3pp

--8003180159 Motion to strike applicant's 800211 motion to dismiss Class 9 accident inquiry, applicants' 800211 motion to delete state of OK response to ALAB-573 & applicants' 800211 response to ASLAB inquiry re need to consider Class 9 consequences  
FARRIS,J R Farris, J R 80/02/26 3pp

--8003180165 Response in opposition in applicants' 800211 motion to strike State of OK response to ALAB-573 Although not participating party, State of OK may give advice to Commission w/o taking position on issues per 10CFR2 715(c)  
ROGERS,C S , WILSON-ZALKO,L Oklahoma, State of 80/02/26 10pp

--8003180169 Response in opposition to applicant's 800211 motion to dismiss Class 9 inquiry Safety-related Class 9 issues differ from question of timely Class 9 environ impact analysis  
ROGERS,C S , WILSON-ZALKO,L Oklahoma, State of 80/02/26 9pp

8003240491 Discusses ALAB-573 directing NRC to file position statement re consideration of Class 9 events in proceeding & which allowed other parties to submit views within 30 days of NRC filing Until 800211 response was not untimely  
GALLO,J Isham, Lincoln & Beale 80/02/26 2pp

8003050393 Response in opposition to applicants' 800211 motion to dismiss Class 9 accident inquiry re environ effects Urges Commission to decide issue w/o awaiting ASLAB decision on intervenors' safety contention Certificate of Svc encl  
DAVIS,L D Hearing Branch 4 80/03/03 10pp

8003050400 Response in opposition to applicants' 800211 motion to strike State of OK 800207 response to NRC position re Class 9 accidents Language of 10CFR2 715(c) permits State of OK to advise Commission on all issues Certificate of Svc encl  
DAVIS,L D Hearing Branch 4 80/03/03 7pp.

8003050422 Notice of withdrawal from proceeding Certificate of Svc encl  
PATON,W D Hearing Branch 4 80/03/03 3pp

8003180272 Response in opposition to Citizen's Action for Safe Energy,L Burrell & I Youngheim 800226 motion to strike applicants' Class 9 accident pleadings alleging lateness Five addl days granted by rules when svc is by mail W/Certificate of Svc  
GALLO,J , OIBBS,M E Public Service Co of Oklahoma GALLO,J Isham, Lincoln & Beale 80/03/04 8pp

8003310450 Forwards list of documents submitted as informal discovery in response to 800124 & 0215 ltrs, re Class 9 accidents  
DAVIS,L D Hearing Branch 4 80/03/18 8pp

## H General correspondence

8003040200 Discusses concern re evacuation plan for area around facility NRC should provide public w/detailed emergency instructions  
DURRIS,C C Affiliation Unknown 80/01/30 1p

8003240549 Requests reopening of environ & site suitability hearings for facilities to explore issue of meltdown  
JOHNSON,S Affiliation Unknown 80/02/13 1p

8003130597 Comments on proposed increase in emergency evacuation zone Ten-mile radius is inadequate, considering strong & variable OK winds & possible contamination of major body of water Requests formal hearings w/citizen input  
FARRELL,D , FARRELL,S Affiliation Unknown 80/02/14 1p

--8003130600 Requests that NRC hold meetings in Tulsa,OK on increase in emergency evacuation zone.Plans are not effective enough in event of meltdown  
SMART,H Affiliation Unknown 80/02/14 1p

--8003130605 Comments on emergency evacuation zone Ten-mile radius is inadequate Requests that NRC hold hearings in Tulsa,OK on emergency plans  
HAWES,D Affiliation Unknown 80/02/18 1p

--8003130611 Comments that emergency evacuation radius is inadequate Requests that NRC hold public meetings to discuss & give further consideration to plan  
MOORE,T Affiliation Unknown 80/02/14 1p

--8003130618 Requests that NRC hold meetings in Tulsa,OK on proposed increase evacuation zone Plans are inadequate protection in event of meltdown  
MARTIN,S J Affiliation Unknown 80/02/14 1p

--8003130622 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone Plan is inadequate in event of meltdown Expresses fear for health of family & financial burden of maint or nuclear plants  
MEILLIER,J Affiliation Unknown 80/02/04 1p

--8003130630 Comments that proposed increase of emergency evacuation are around plant is inadequate Requests that NRC hold public meetings in Tulsa,OK  
OIBBS,C F Affiliation Unknown 80/02/18 1p

--8003130633 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone  
TERRILL,D Affiliation Unknown 80/02/15 1p

--8003130636 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone Plan is inadequate in event of meltdown  
BARBERA,P L Affiliation Unknown 80/02/07 1p

8003240293 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown  
BELL,M Affiliation Unknown 80/02/14 1p

--8003240299 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown  
NICHOLL,L Affiliation Unknown 80/02/14 1p

--8003240304 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown or other nuclear incidents  
MAXEY,H J Affiliation Unknown 80/02/13 1p

--8003240306 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans not effective enough in event of meltdown  
RUSKOSKI,E Affiliation Unknown 80/02/12 1p

8003240576 Urges meetings re proposed increase in radius of emergency evacuation area around facilities Present plans are ineffective  
JOHNSON,S Affiliation Unknown 80/02/14 1p

8003240581 Urges meetings re emergency evacuation zone around facilities Existing plans are inadequate  
TIBBETTS,L Affiliation Unknown 80/02/17 1p

8003200534 Requests that NRC convene in Tulsa,OK for meetings on proposed increase in emergency evacuation zone around nuclear power plants  
ASHE,P O , JOHNSON,S , TIBBETTS,L Affiliation Unknown 80/02/19 10pp

8003250085 Urges hearing in Tulsa,OK re emergency evacuation plans around facility NRC should develop an effective plan in case of meltdown  
BALDRIDGE,M Affiliation Unknown 80/02/19 1p

8003270048 Urges meeting re proposed increase of emergency evacuation zone around facilities Ten-mile radius is not adequate protection  
ASHE,P O Affiliation Unknown 80/02/19 1p

8003240525 Requests that group be allowed to address issue of meltdown at CP hearings  
WILLHITE,S Citizens Action For Safe Energy 80/02/21 1p

## DOCKETED ITEMS

8003240495 Requests reopening of environ & site suitability hearings for facilities to explore issue of meltdown  
BUKHEAD, S J Affiliation Unknown 80/02/29 1p

8003250086 Urges meetings in Tulsa, OK re emergency evacuation area around facility Current plans are inadequate.  
PERREAULT, N Affiliation Unknown 80/02/29 1p

8003240434 Expresses gratitude for M Marchbanks' efforts in organizing 800229 meeting  
ZELINSKY, W M Power Supply & Analysis Branch 80/03/06 1p

8003280594 Discusses ASLB hearings on application for CP & 790724 initial decision on environ & site suitability, authorizing issuance of LWA in response to 780115 request for info on unresolved safety issues  
ENGELHARDT, T F Deputy Executive Legal Director 80/03/12 3pp

#### 0 Inspection reports, IE Bulletins & correspondence

8003130118 Forwards IF Insp Repts 50-556/80-01 & 50-557/80-01 on 800108-11 & notice of deviation  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003130122 Notice of deviation from insp on 800108-11  
Region 4, Dallas, Office of the Director 80/01/22 1p

--8003130127 IE Insp Repts 50-556/80-01 & 50-557/80-01 on 800108-11. Noncompliance noted failure to attach maint records to 3 RHR heat exchangers  
CROSSMAN, W A, HUBACEK, W C Region 4, Dallas, Office of the Director 80/01/22 5pp

8003190705 Ack receipt of 800207 ltr informing NRC of steps taken to correct deviation noted in IE Insp Repts 50-556/80-01 & 50-557/80-01  
SEIDLE, W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/25 1p

--8003190710 Responds to NRC 800122 ltr re deviation noted in IE Insp Repts 50-556/80-01 & 50-557/80-01 Corrective actions training session on FPPM procedures will be presented to employees involved w/matl control activities  
PEREZ, J B Public Service Co of Oklahoma 80/02/07 2pp

#### DOCKET STN-50-557 BLACK FOX STATION, UNIT 2

##### A Application/construction stage documents & correspondence

8003100001 Requests opportunity to discuss priority of NRC CP activities in post-TMI period. Utilis are concerned about availability of NRC resources in coming yr to deal w/related hearings NRC resources can be optimized  
OPREA, G W Houston Lighting & Power Co 80/02/28 2pp

8003310447 Forwards NRC 800128 & 0211 ltrs to GE discussing analysis of boiloff rates & mods to BWR control rod drive return line nozzles to prevent cracking. Mods should not be performed before issuance of NUREG-0619 or w/o NRC guidance  
STOLZ, J F Light Water Reactors Branch 1 80/03/07 2pp

##### 0 Adjudicatory correspondence

8003240588 Opposes const of facilities due to problems w/disposal of radwaste & possibility of damage by tornado  
PRICKETT, B Affiliation Unknown 80/02/08 1p

8003140137 Requests reopening of environ & site suitability hearings to discuss meltdown issue  
PLANT, D Affiliation Unknown 80/02/14 2pp

--8003140139 Requests meetings be held in Tulsa, OK re proposed increase in emergency evacuation zone around nuclear power plants  
WISNYHEAD, B Y Affiliation Unknown 80/02/10 1p

8003120369 Requests environ & site suitability hearings be reopened to address potential meltdown at proposed facility.  
FOSTER, B Affiliation Unknown 80/02/15 1p

--8003120380 Requests environ & site suitability hearings be reopened to address potential meltdown at proposed facility.  
ATWATER, T Affiliation Unknown 80/02/21 1p

8003030028 Response to State of OK 800207 request for relief Reopening record re Class 9 environ consequences & reservation of judgement until rulemaking completion should be denied. Addl time for discovery may be granted Certificate of Svc encl  
DAVIS, L D Hearing Branch 4 80/02/26 10pp

8003050157 Forwards JF Stolz 800211 ltr re NRC financial review in response to RE Bryant concerns as Cential & Southwest Corp stockholder w/o encl  
DAVIS, L D Hearing Branch 4 80/02/26 1p

8003180157 Response in opposition to applicant's 800211 pleadings to strike State of OK response to ALAB-573 Urges Commission to reject applicants late responses re need to consider Class 9 accident consequences  
FARRIS, J R Farris, J R 80/02/26 3pp

--8003180159 Motion to strike applicant's 800211 motion to dismiss Class 9 accident inquiry, applicants' 800211 motion to delete state of OK response to ALAB-573 & applicants 800211 response to ASLAB inquiry re need to consider Class 9 consequences  
FARRIS, J R Farris, J R 80/02/26 3pp

--8003180165 Response in opposition in applicants 800211 motion to strike State of OK response to ALAB-573 Although not participating party, State of OK may give advice to Commission w/o taking position on issues per 10CFR2 715(c)  
ROGERS, C S, WILSON-ZALKO, L Oklahoma, State of 80/02/26 10pp

--8003180168 Response in opposition to applicant's 800211 motion to dismiss Class 9 inquiry Safety-related Class 9 issues differ from question of timely Class 9 environ impact analysis  
ROGERS, C S, WILSON-ZALKO, L Oklahoma, State of 80/02/26 9pp

8003240491 Discusses ALAB-573 directing NRC to file position statement re consideration of Class 9 events in proceeding & which allowed other parties to submit views within 30 days of NRC filing. Util 800211 response was not untimely  
GALLU, J Isham, Lincoln & Beale 80/02/26 2pp

8003050393 Response in opposition to applicants' 800211 motion to dismiss Class 9 accident inquiry re environ effects Urges Commission to decide issue w/o awaiting ASLAB decision on intervenors' safety contention Certificate of Svc encl  
DAVIS, L D Hearing Branch 4 80/03/03 10pp

8003050400 Response in opposition to applicants' 800211 motion to strike State of OK 800207 response to NRC position re Class 9 accidents Language of 10CFR2 715(c) permits State of OK to advise Commission on all issues Certificate of Svc encl  
DAVIS, L D Hearing Branch 4 80/03/03 7pp

8003050422 Notice of withdrawal from proceeding Certificate of Svc encl  
PATON, W D Hearing Branch 4 80/03/03 3pp

8003180272 Response in opposition to Citizen's Action for Safe Energy, L Burrell & I Youngheim 800226 motion to strike applicants' Class 9 accident pleadings alleging lateness Five addl days granted by rules when svc is by mail w/Certificate of Svc  
GALLU, J, OIBBS, M E Public Service Co of Oklahoma GALLU, J Isham, Lincoln & Beale 80/03/04 8pp

8003310450 Forwards list of documents submitted as informal discovery in response to 800124 & 0215 ltrs, re Class 9 accidents  
DAVIS, L D Hearing Branch 4 80/03/18 6pp

##### H General correspondence

8003040200 Discusses concern re evacuation plan for area around Facility NRC should provide public w/detailed emergency instructions  
DURRIS, C C Affiliation Unknown 80/01/30 1p

8003240549 Requests reopening of environ & site suitability hearings for facilities to explore issue of meltdown  
JOHNSON, S Affiliation Unknown 80/02/13 1p

8003130597 Comments on proposed increase in emergency evacuation zone Ten-mile radius is inadequate, considering strong & variable OK winds & possible contamination of major body of water Requests formal hearings w/citizen input  
FARRELL, D, FARRELL, S Affiliation Unknown 80/02/14 1p

--8003130600 Requests that NRC hold meetings in Tulsa, OK on increase in emergency evacuation zone Plans are not effective enough in event of meltdown  
SMART, N Affiliation Unknown 80/02/14 1p

# DOCKETED ITEMS

315

--8003130605 Comments on emergency evacuation zone Ten-mile radius is inadequate Requests that NRC hold hearings in Tulsa,OK on emergency plans  
HAMES,D Affiliation Unknown 80/02/18 1p

--8003130611 Comments that emergency evacuation radius is inadequate Requests that NRC hold public meetings to discuss & give further consideration to plan  
MOORE,T Affiliation Unknown 80/02/14 1p

--8003130618 Requests that NRC hold meetings in Tulsa,OK on proposed increase evacuation zone Plans are inadequate protection in event of meltdown  
MARTIN,S J Affiliation Unknown 80/02/14 1p

--8003130622 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone Plan is inadequate in event of meltdown Expresses fear for health of family & financial burden of maint of nuclear plants  
MILLIER,J Affiliation Unknown 80/02/04 1p

--8003130630 Comments that proposed increase of emergency evacuation area around plant is inadequate Requests that NRC hold public meetings in Tulsa,OK  
GIBBS,C F Affiliation Unknown 80/02/18 1p

--8003130633 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone  
TERRILL,D Affiliation Unknown 80/02/15 1p

--8003130636 Requests that NRC hold meetings in Tulsa,OK on proposed increase in emergency evacuation zone Plan is inadequate in event of meltdown  
BARBERA,P L Affiliation Unknown 80/02/07 1p

8003240293 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown  
BELL,M Affiliation Unknown 80/02/14 1p

--8003240297 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown  
NICHOLL,L Affiliation Unknown 80/02/14 1p

--8003240304 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans ineffective for protection in event of meltdown or other nuclear incidents  
MAXEY,H J Affiliation Unknown 80/02/13 1p

--8003240306 Requests that NRC hold meetings in Tulsa,OK on proposed expansion of emergency evacuation zone around nuclear power plants Current plans not effective enough in event of meltdown  
RUSKOSKI,E Affiliation Unknown 80/02/12 1p

8003240576 Urges meetings re proposed increase in radius of emergency evacuation area around facilities Present plans are ineffective  
JOHNSON,S Affiliation Unknown 80/02/14 1p

8003240581 Urges meetings re emergency evacuation zone around facilities Existing plans are inadequate  
TIBBETTS,L Affiliation Unknown 80/02/17 1p

8003200534 Requests that NRC convene in Tulsa,OK for meetings on proposed increase in emergency evacuation zone around nuclear power plants  
ASHE,P O, JOHNSON,S, L TIBBETTS,L Affiliation Unknown 80/02/19 10pp

8003250085 Urges hearing in Tulsa,OK re emergency evacuation plans around facility NRC should develop an effective plan in case of meltdown  
BALDRIDGE,M Affiliation Unknown 80/02/19 1p

8003270048 Urges meeting re proposed increase of emergency evacuation zone around facilities Ten-mile radius is not adequate protection  
ASHE,P O Affiliation Unknown 80/02/19 1p

8003240525 Requests that group be allowed to address issue of meltdown at CP hearings  
WILLHITE,S Citizens Action For Safe Energy. 80/02/21 1p

8003240495 Requests reopening of environ & site suitability hearings for facilities to explore issue of meltdown  
BUKHEAD,S J Affiliation Unknown 80/02/29 1p

8003250088 Urges meetings in Tulsa,OK re emergency evacuation area around facility Current plans are inadequate  
PERREAULT,N Affiliation Unknown 80/02/29 1p

8003240434 Expresses gratitude for M Marchbanks' efforts in organizing 800227 meeting  
ZELINSKY,W M Power Supply & Analysis Branch 80/03/06 1p

8003280594 Discusses ASLB hearings on application for CP & 790724 initial decision on environ & site suitability,authorizing issuance of LWA, in response to 780115 request for info on unresolved safety issues  
ENDELHARDT,T F Deputy Executive Legal Director 80/03/12 3pp

## Q Inspection reports, IE Bulletins & correspondence

8003130118 Forwards IE Insp Repts 50-556/80-01 & 50-557/80-01 on 800108-11 & notice of deviation  
SEIDLE,W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/01/22 2pp

--8003130122 Notice of deviation from insp on 800108-11  
\* Region 4, Dallas, Office of the Director 80/01/22 1p

--8003130127 IE Insp Repts 50-556/80-01 & 50-557/80-01 on 800108-11 Noncompliance noted Failure to attach maint records to 3 RHR heat exchangers  
CROSBY,M W A, HUBACEK,W G Region 4, Dallas, Office of the Director 80/01/22 5pp

8003190705 Ack receipt of 800207 ltr informing NRC of steps taken to correct deviation noted in IE Insp Repts 50-556/80-01 & 50-557/80-01  
SEIDLE,W C Region 4, Dallas, Reactor Construction & Engineering Support Branch 80/02/23 1p

--8003190710 Responds to NRC 800122 ltr re deviation noted in IE Insp Repts 50-556/80-01 & 50-557/80-01 Corrective actions training session on FPM procedures will be presented to employees involved w/matl control activities  
PEREZ,J B Public Service Co of Oklahoma 80/02/07 2pp

## DOCKET STN-50-566 YELLOW CREEK NUCLEAR PLANT, UNIT 1

### Q Inspection reports, IE Bulletins & correspondence

8003170052 Forwards IF Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-25,Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190612 Forwards IF Insp Repts 50-566/80-01 & 50-567/80-01 on 800122-24 No noncompliance noted  
BRYANT,J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190618 IE Insp Repts 50-566/80-01 & 50-567/80-01 on 800122-24 No noncompliance noted Major areas inspected Gates,dam & canal work activity,structural concrete quality records,level D storage areas & soils & concrete lab  
CONLON,T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LENAHAH,J J Region 2, Atlanta, Office of the Director 80/02/01 5pp

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 1 Investigation continuing for Sequoyah Unit 2  
MILLS,L M Tennessee Valley Authority 80/02/06, 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY,J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

## DOCKETED ITEMS

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10, 1p

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250372 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

8003310356 Forwards response to infraction noted in NRC 800228 ltr re IE Insp Repts 50-566/80-03 & 50-567/80-03 Radiographs w/unacceptable shim placement will be reshot Film interpreters & radiographers instructed in shim placement  
MILLS, L M Tennessee Valley Authority 80/03/24 2pp

#### DOCKET STN-50-567 YELLOW CREEK NUCLEAR PLANT, UNIT 2

Q Inspection reports, IE Bulletins & correspondence

8003170052 Forwards IE Info Notice 80-03, "Main Turbine Electrohydraulic Control Sys " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 3pp

8003190124 Forwards IE Circular 79-28, Suppl A, "Shock Arrestor Strut Assembly Interference " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/01/31 1p

8003190612 Forwards IE Insp Repts 50-566/80-01 & 50-567/80-01 on 800122-24 No noncompliance noted  
BRYANT, J C Region 2, Atlanta, Reactor Construction & Engineering Support Branch 80/02/04 2pp

--8003190618 IE Insp Repts 50-566/80-01 & 50-567/80-01 on 800122-24 No noncompliance noted Major areas inspected lakes, dam & canal work activity, structural concrete quality records, level D storage areas & soils & concrete lab  
CONLON, T E Region 2, Atlanta, Reactor Construction & Engineering Support Branch LEMAHAN, J J Region 2, Atlanta, Office of the Director 80/02/01 3pp

8003210176 Forwards response to IE Bulletin 79-28 Util located 22 NAMCO Model EA180 stem mounted switches that are code dated between Feb & Aug 1979 at Sequoyah Unit 2 Investigation continuing for Sequoyah Unit 2  
MILLS, L M Tennessee Valley Authority 80/02/06 2pp

8003180082 Forwards IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break W/Continued Feedwater Addition " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 2pp

8003190441 Forwards IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/08 1p

8003190039 Forwards IE Info Notice 80-07, "Pump Shaft Fatigue Cracking " No response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/02/29 2pp

8003140387 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

8003190003 Forwards IE Info Notice 80-08 "States Co Sliding Link Electrical Terminal Block " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 3pp

8003270040 Forwards IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks " Action & written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/10 1p

8003260239 Forwards IE Bulletin 80-06, "Engineered Safety Feature (ESF) Reset Controls " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/13 3pp

8003250372 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

8003260181 Forwards IE Circular 80-04, "Securing of Threaded Locking Devices on Safety-Related Equipment " No written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 3pp

8003310356 Forwards response to infraction noted in NRC 800228 ltr re IE Insp Repts 50-566/80-03 & 50-567/80-03 Radiographs w/unacceptable shim placement will be reshot Film interpreters & radiographers instructed in shim placement  
MILLS, L M Tennessee Valley Authority 80/03/24 2pp

#### DOCKET STN-50-568 NEP NUCLEAR, UNIT 1

U Congressional/Executive Correspondence

8003060514 Responds to 800108 ltr re constituent concern about plant const cancellation ASLB granted util motion to withdraw application on 791226, due to OSA decision to transfer owned site to DOI, EPA & Town of Charlestown, RI for optional use  
DIRCKS, W J Office of the Executive Director for Operations 80/02/06 2pp

--8003060515 Forwards constituent ltr of concern about plans to cancel facility const  
OLEN, J Senate, Governmental Affairs 80/01/08 2pp

#### DOCKET STN-50-569 NEP NUCLEAR, UNIT 2

U Congressional/Executive Correspondence

8003060514 Responds to 800108 ltr re constituent concern about plant const cancellation ASLB granted util motion to withdraw application on 791226, due to OSA decision to transfer owned site to DOI, EPA & Town of Charlestown, RI for optional use  
DIRCKS, W J Office of the Executive Director for Operations 80/02/06 2pp

--8003060515 Forwards constituent ltr of concern about plans to cancel facility const  
OLEN, J Senate, Governmental Affairs 80/01/08 2pp

# DOCKETED ITEMS

317

## DOCKET STN-50-574 BAGRAC NUCLEAR POWER PROJECT

### A Application/construction stage documents & correspondence

8003180100 Comments on proposed export to Philippines by Westinghouse Urges NRC to make health & safety of nearby residents prime consideration NRC should recommend refusal to license vendor for const at Bataan  
MUIR, C D Affiliation Unknown 80/02/20 1p

8003070078 Forwards review of C Newhall "Review of Volcanic Discussions in PSAR & Related Documents." Requisite detailed geologic mapping & stratigraphic correlations of eruptive products w/time & space not performed  
DEVINE, J F Interior, Dept of, Geological Survey 80/02/22 5pp

8003200138 Forwards Ebasco Svct Inc analysis of C Newhall review of volcanological aspects of reactor site Ebasco requests that analysis be made part of record or proceeding  
HANRAHAN, E J Office of Policy Evaluations 80/02/29 1p

--8003200143 Forwards analysis of C Newhall volcanological review Analysis is based on several erroneous preconceptions Assumes that Mount Natib was active volcano during Holocene era Volcano is relatively old & deeply weathered  
HAZAK, J T Ebasco Services, Inc (subs of Enserch Corp) 80/03/13 26pp

8003240645 Provides addl comments on effect of proposed reactor export on health, safety & environ effects & relationship of effects to defense & security of US NRC consideration of safety & environ effects is authorized & in interests of US  
KNIGHT, C F Council on Environmental Quality 80/02/29 4pp

### G Adjudicatory correspondence

8003130634 Submits petitions signed by various citizens urging NRC to deny all Westinghouse applications re nuclear reactor export to Philippines Supporting documentation encl  
HOOVER, P, SIMPSON, C, MANZANARES, C Affiliation Unknown 80/02/20 17pp

8003050136 Comments in response to Commission 791019 & 800208 orders re reactor export to Philippines Steps taken by Philippine govt assure no adverse health & environ effects on US global commons Certificate of Svc encl  
ITCHON, G Y Philippines 80/02/26 8pp

8003140412 Comments & argument in response to Commission 800208 order inviting further views re nuclear reactor export to Philippines Adopts WL Cummings 800129 encl affidavit re health, safety & environ effects on global commons or US land  
DREW, J E Friends of the Filipino People 80/02/27 1p

--8003140415 Forwards & adopts WL Cummings 800129 affidavit re nuclear reactor export to Philippines  
SCHIRMER, D B Friends of the Filipino People 80/02/27 1p

--8003140418 Affidavit urging denial of nuclear reactor export to Philippines Export threaten Philippine sovereignty, jeopardizes global commons & affects US natl security Certificate of Svc encl  
CUMMINGS, W L Affiliation Unknown 80/01/29 15pp

8003050130 Forwards Philippine National Power Corp comments in response to Commission 800208 order re reactor export to Philippines  
ROMUALDEZ, E Z Philippines 80/02/28 1p

8003050201 Comments in response to Commission 800208 order re reactor export to Philippines License should be issued immediately NRC already adequately addressed health safety & environ effects  
SCARDOLA, J A Ebasco Services, Inc (subs of Enserch Corp) 80/02/28 9pp

8003270046 Statement opposing proposed export of reactor & matis to Philippines by Westinghouse NRC should not approve export of reactor & matis for power plant to be constructed on slope of volcano  
CHASE, B H, COMAP, C, LINDLEY, M Interfaith Center on Corporate Responsibility 80/02/28 8pp

8003060719 Response to Commission 800208 order requesting further views on proposed reactor export to Philippines Apr 1976 FES on US nuclear power export activities, ERDA-1542, should be applied Effects on global commons not related to US defense  
BETTAUER, R J State, Dept of 80/02/29 6pp

8003060749 Comments in response to Commission 800208 order requesting further views on proposed reactor export to Philippines Impact on Clark Air Force Base & Subic Bay Naval Station sufficient to pose threat W/Certificate of Svc  
ASHER, T R, BOGIN, H B Center for Development Policy ASHER, T R Movement for a Free Philippines 80/02/29 10pp

8003060755 Comments in response to Commission 800208 order requesting further views on proposed reactor export to Philippines Effects on global commons subminimal per Apr 1976 FES on US nuclear power export process, ERDA-1542 W/Certificate of Svc  
\* Westinghouse Electric Corp \* Eckert, Seamans, Charin & Mellott 80/02/29 19pp

8003100196 Statement of views in response to Commission 800208 order requesting further submittals re nuclear reactor export to Philippines Urges preparation or EIS updating ERDA-1542 & addressing possible environ impacts on US & global commons  
BARNES, J N Center for Law & Social Policy WEISS, E Union of Concerned Scientists SCHERR, S J Natural Resources Defense Council 80/02/29 1upp

8003200109 Submittal in response to Commission 800208 order inviting further comments on nuclear reactor export to Philippines Health, safety & environ matters have insignificant impact on global commons & on US common defense W/Certificate of Svc  
DORIAN, T F Regulations Division 80/02/29 9pp

8003130008 Ack receipt of encl 800227 petition signed by 156 citizens Entire document placed in NRC PDP, Washington, DC  
\* Docketing & Services Branch 80/03/05 1p

### H General correspondence

8003270052 Comments on proposed reactor export to Philippines NRC legally entitled by Nonnuclear Proliferation Act of 1978 to consider effects on Philippine population & Americans connected to Subic Bay Naval Base & Clark Air Force Base  
FARBOUS, R Friends of the Earth 80/02/29 3pp

### P Operating license stage documents & correspondence

8003240018 Forwards USGS review of C Newhall paper, "Review of Volcanic Discussions in PSAR & Related Documents," in response to 800205 memo  
SHEA, J R Office of International Programs 80/02/26 1p

### U Congressional/Executive Correspondence

8003120710 Forwards Fund for Secure Energy 791120 ltr re NRC study of environ, health & safety concerns of nuclear reactors  
BRADLEY, B Senate 80/01/23 3pp

## DOCKET STN-50-580 ERIE NUCLEAR PLANT, UNIT 1

### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

## DOCKET STN-50-581 ERIE NUCLEAR PLANT, UNIT 2

### H General correspondence

8003250076 Responds to 790924 request for info re plans for power plants in OH disposal of radwaste & risks to public health & safety Provides info re plants in OH Forwards excerpt from NRC 1978 annual rept re radwaste disposal  
DENTON, H R Office of Nuclear Reactor Regulation 80/02/19 13pp

## DOCKET 50-586 PERRYMAN, UNIT 1

### Q Inspection reports, IF Bulletins & correspondence

8003060654 Notifies that NRC intends to routinely forward to appropriate state public util regulatory groups & state atty general ofcs, copies of escalated enforcement correspondence sent by NRC to licensees  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/11/29 1p



## DOCKETED ITEMS

## DOCKET 50-589 ASCO FESCA I NUCLEAR POWER STATION

## G Inspection reports, IE Bulletins &amp; correspondence

B003140409 Forwards IE Info Notice 80-10, "Partial Loss of Non-Nuclear Instrument Sys Power Supply During Operation " No specific action or response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/07 2pp

## DOCKET 50-599 CARROLL FACILITY I

## A Application/construction stage documents &amp; correspondence

B003110664 Forwards application for CP & early site review, site suitability/site safety rept & environ rept per B00117 request W/o encls  
NAUGHTON, W F Commonwealth Edison Co 80/02/27 1p

## DOCKET 50-600 CARROLL FACILITY II

## A Application/construction stage documents &amp; correspondence

B003110664 Forwards application for CP & early site review, site suitability/site safety rept & environ rept per B00117 request W/o encls  
NAUGHTON, W F Commonwealth Edison Co 80/02/27 1p

## DOMESTIC LICENSING OF SPECIAL NUCLEAR MATERIAL

## DOCKET 70-0008 BATTIELE COLUMBUS LABORATORIES

B003310426 Confirms B00123 belcon re issuance of permit for crossing three bridges w/gross weight of 72,300 lb Bridges have been checked & approved to handle weight NC Dept of Transportation will have no objection to application  
HAGWOOD, W C North Carolina, State of 80/01/24 1p

B003070154 Forwards increment of hrc analysis of effects of natural phenomena re Pu operations Analysis is review of features within facility that may have significant effect upon releases from plant during natural phenomena events  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 1p

--B003070172 Forwards "NRC Analysis of Natural Phenomena Upon Existing Pu Plants " Recommends endorsement as staff position & as basis for succeeding analyses of effects of natural phenomena upon Pu fabrication facilities  
AYER, J E, BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 9pp

B003240308 Forwards "Review of Severe Weather Meteorology at BMI " Recommends acceptance of review as basis for succeeding increments of analysis of effects of natural phenomena upon existing Pu fabrication facilities W/o encls  
AYER, J E, BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 1p

--B003240313 Forwards "Review of Severe Weather Meteorology at BMI " Represents first increment of analysis of effects of natural phenomena on Pu facility NRC has adopted review for application in succeeding analyses  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 1p

--B003240315 "Review of Severe Weather Meteorology at BMI " FUJITA, T T Argonne National Laboratory 31-109-38-3731, 77/09/30 31pp

B003280384 Forwards first increment of analysis of effects of natural phenomena re Pu operations at facility Analysis entitled, "Review of Severe Weather Meteorology at BMI, Columbus, OH " ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 1p

--B003280389 "Review of Severe Weather Meteorology at BMI, Columbus, OH, " FUJITA, T T Chicago, Univ of 77/09/30 31pp

B003250059 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
KEPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## DOCKET 70-0025 ROCKWELL INTERNATIONAL CORP

B003140006 Discusses impending R&D effort at Energy Sys Group to be conducted in hot lab, involving development & checkout of process for removal of zirconium cladding & possible U-Zirconium intermetallic compound  
REHLEY, M E Rockwell International Corp 79/06/21 3pp

B003040690 Forwards working paper, "Identification of Features Within Pu Fabrication Facilities Whose Failure May Have Significant Effect on Source Term " ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/06 1p

--B003040696 "Identification of Features Within Pu Fabrication Facilities Whose Failure May Have Significant Effect on Source Term " \* Advanced Fuel & Spent Fuel Licensing Branch 80/02/06 13pp

B003070126 Recommends endorsement of "NRC Analysis of the Effect of Natural Phenomena Upon Existing Pu Plants" as NRC position & basis for succeeding increments of analysis  
AYER, J E, BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/06 1p

B003120754 Forwards IE Insp Repts 70-0025/80-02 & 50-375/80-01 on B00202-15 No noncompliance noted Insp Repts withheld (ref 10CFR2 790)  
NORDBERHAUG, L R Region 5, San Francisco, Safeguards Branch 80/02/28 2pp

B003250151 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## DOCKET 70-0027 BABCOCK &amp; WILCOX CO

B003040678 Amends Section 9 O of matl & plant protection amend MPP-1 to allow maint of guard station within defined isolation zone  
Notifies that 791029 ltr withheld (ref 10CFR2 790) License amend encls  
MCCORMACK, G W Physical Security Licensing Branch 79/12/28 2pp

B003310221 Application for amend to License BNM-42 to provide for storage of complete power unit assemblies in bldg addition to north end of Bay 4A Diagrams & fee encls  
CORDANI, R A Babcock & Wilcox Co, Naval Nuclear Fuel Div. 80/01/30 4pp

B003310260 Forwards IE Insp Rept 70-0027/80-02 on B00111. No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/05 1p

--B003310263 IE Insp Rept 70-0027/80-02 on B00111 No noncompliance noted  
Major areas inspected licensee LEID model Details withheld (ref 10CFR2 790)  
GILLESPIE, F P Region 2, Atlanta, Safeguards Branch JONES, D W Region 2, Atlanta, Office of the Director 80/02/05 1p

B003310339 Forwards methodology for determination of limit of error for inventory differences, revised per NRC 791228 ltr comments & agreements from meeting held at B&W w/NRC on B00111  
CORDANI, R A Babcock & Wilcox Co 80/02/15 21pp

B003260164 Responds to B00128 ltr & drawing updating physical security plan to conform w/changes resulting from const project  
Revision 4 of Drawing LP-3260-E approved Drawing withheld (ref 10CFR2 790)  
MCCORMACK, G W Physical Security Licensing Branch 80/03/05 1p

B003250512 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

## DOCKET 70-0033 TEXAS INSTRUMENTS, INC

B003040708 Amends License BNM-23 re fabrication of box-type test reactor fuel elements, surface contamination action levels & action level changes based on urinalysis.  
CROW, H T Uranium Fuel Licensing Branch 80/01/08 1p

# DOCKETED ITEMS

319

003240052 Safety evaluation re 791010 application for license amend to fabricate box type test reactor fuel elements made w/U enriched between 10% & 93 % U-235 License amend should be granted  
KETZLACH, H Uranium Fuel Licensing Branch 80/01/08 4pp

003050300 Ack receipt of 791214 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0033/79-12  
Company 791214 ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/17 1p

003050305 Forwards IE Insp Rept 70-0033/79-12 on 791017-19 & notice of violation Notice of violation & portions of insp rept withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 79/12/10 2pp

003050312 IE Insp Rept 79-0033/79-12 on 791217-19 Noncompliance noted licensee failed to submit measured discards & matl unaccounted for May 1979 rept info withheld (ref 10CFR2 790)  
JOYNER, J H Region 1, Philadelphia, Safeguards Branch DELLA  
RATTA, A SUMMERS, R Region 1, Philadelphia, Office of the Director 79/12/10 1p

003240237 Notifies that manpower expenditures for review of Amend 12 to License SNM-23, issued on 800108, was less than amend fee NRC will refund overcharge W/o encl 10CFR170  
MILLER, W D Office of Administration 80/03/07 1p

003250223 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 70-0036 COMBUSTION ENGINEERING, INC

003040310 Advises of decision by Water Pollution Control Program staff that NPDES permit should be issued to C-E State of MD Clean Water Commission will not consider water quality comments in review unless issuance appealed  
RANKIN, R F Missouri, State of 79/09/14 1p

003310207 Forwards DOE Oak Ridge Operations 791207 ltr of agreement for radiological assistance for inclusion in emergency plan.  
App A  
ESKRIDGE, H E C-E Power Systems 80/02/09 3pp

003270519 Forwards "Effluent Monitoring Rept for Jul-Dec 1979"  
ESKRIDGE, H E C-E Power Systems 80/02/12 1p

00303270520 "Effluent Monitoring Rept for Jul-Dec 1979"  
\* C-E Power Systems 79/12/31 1p

003250052 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
KEPPLER, J G Region 3, Chicago, Office of the Director 80/03/14 1p

## DOCKET 70-0135 BABCOCK & WILCOX CO

003030101 Forwards "Determination of Gross Alpha & Isotopic U in Composite Filter Samples, 790125, 0502 & 0703"  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 79/08/01 1p

00303050102 "Determination of Gross Alpha & Isotopic U in Composite Filter Samples, 790125, 0502 & 0703"  
ORTIZ, M A Eberline Instrument Corp 79/01/25 6pp

003040090 Requests revision to Spec I-1, Page 1 B 1 0 of Licenses SNM-145 & SNM-414 Revisions specify possession limits by isotope & reflect activities previously authorized by byproduct matls licenses Check will be forwarded  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 79/08/17 1p

003040094 Application to amend Licenses SNM-145 & SNM-414, incorporating possession limits for SNM as sealed sources or other calibr or ref sources  
\* Babcock & Wilcox Co, Nuclear Material Div 79/08/17 2pp

8003050044 Forwards revised Pages 1 B 1 0 & 1 B 1 1 to License SNM-145 reflecting coordination of SNM possession limits  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 79/09/07 1p

--8003050050 Revised Pages 1 B 1 0 & 1 B 1 1 to License SNM-145 reflecting coordination of SNM possession limits  
\* Babcock & Wilcox Co, Nuclear Material Div 79/09/07 2pp

8003050318 Forwards revised pages of License SNM-145 reflecting changes in organization Pages consist of revision of Spec I-4 & revisions of Tables 5 0 & 5 1 or Spec I-5  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 79/09/07 1p

--8003050320 Revised pages to License SNM-145 reflecting changes in organization Consists of Spec I-4 & revisions of Tables 5 0 & 5 1 of Spec I-5  
\* Babcock & Wilcox Co, Nuclear Material Div 79/09/07 31pp

8003050283 Authorizes 790717 & 13 page changes to physical security plans re safeguards contingency procedures Corrects error in NRC 790813 ltr re effective date of security training & qualification plan  
MCCORKLE, G W Physical Security Licensing Branch 79/09/17 2pp

8003040112 Forwards revisions to License SNM-145 made since renewal in Oct 1978 Pages & drawings revise Section II license books & health, safety & industrial instructions  
AUSTIN, M A Babcock & Wilcox Co 79/11/02 44pp

--8003040120 "Calcshear Area Licensing"  
\* Babcock & Wilcox Co 79/10/25 1p

--8003040134 "Uranyl Nitrate & U Oxide Storage Licensing"  
\* Numec 79/11/01 1p

--8003040135 "First & Second Floor Arrangement"  
\* Babcock & Wilcox Co 79/11/01 1p

--8003040137 "CP-1 & CNP-1 Licensing"  
\* Babcock & Wilcox Co 79/11/01 1p

--8003040140 "CP-1 Licensing"  
\* Babcock & Wilcox Co 79/11/01 1p

8003060233 Approves revised Pages 27 & 28 of Apollo physical security plan & revised Pages 30 & 31 of Parks Township site physical security plan Pages are classified as natl security info & withheld from public disclosure  
MCCORKLE, G W Physical Security Licensing Branch 79/11/19 1p

8003040686 Determines that shotguns currently in use by guard force at facilities are suitable substitutes for guns specified in App B to 10CFR73  
MCCORKLE, G W Physical Security Licensing Branch 80/01/07 1p

8003140053 Forwards Source Matl License SNM-145, Page 1 B 1 0 for substitution of page submitted in 790907 ltr  
AUSTIN, M A Babcock & Wilcox Co 80/01/16 1p

--8003140060 Source Matl License SNM-145 for facility authorizing U, enriched in U-235, Pu in any form & U hexafluoride for use in processing areas, labs, vaults, low level radwaste storage areas, outside storage areas & decontamination facility  
\* Babcock & Wilcox Co 80/01/11 1p

8003110106 Forwards Amend 5 to license SNM-145, authorizing possession limits, SNM used for calibr & incorporating condition for Pu alpha sources  
PAGE, R G Division of Fuel Cycle & Material Safety 80/02/01 2pp

--8003110111 Matl/Byproduct license SNM-145 for B&W is amended in its entirety per 790907 application Amend 5, authorizes possession limits, SNM used for calibr & incorporates conditions for Pu alpha sources  
PAGE, R G Division of Fuel Cycle & Material Safety 80/02/01 10pp

8003280219 Forwards IE Insp Rept 70-0135/80-01 & 70-0364/80-01 on 800107-11 No noncompliance noted Rept details withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch, 80/02/04 2pp

## DOCKETED ITEMS

- 8003280248 IE Insp Repts 70-0135/80-01 & 70-0364/80-01 on 800107-11  
No noncompliance noted Major areas inspected measurement & controls & inventory verification Details withheld (ref 10CFR2 790)  
MARTIN, W G, SHAUB, E T, ZIBULSKY, H Region 1, Philadelphia, Office of the Director 80/01/30 1p
- 8003280161 Forwards IE Insp Repts 70-0135/79-18 & 70-0364/79-26 on 791001-1102 No noncompliance noted Sections of rept withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/05 2pp
- 8003250166 IE Insp Repts 79-0135/79-18 & 79-0364/79-26 on 791001-1102 No noncompliance noted Major areas inspected matl control & accounting, physical security, health & industrial safety Sections withheld (ref 10CFR2 790)  
JOYNER, J H, KUSHNER, W L Region 1, Philadelphia, Office of the Director 80/02/01 9pp
- 8003050387 PHO-I-80-043 on 800208 facility was evacuated when fire broke out in residue drying hood, scrap recovery area of high enriched U facility Cause suspected to be heating element dropping into filter media & igniting exhaust prefilter  
ROTH, J, CROCKER, H W, SMITH, C H Region 1, Philadelphia, Office of the Director 80/02/08 2pp
- 8003270006 Ack receipt of 771206 ltr informing NRC of steps taken to correct violations noted in Insp Repts 70-0135/79-20 & 70-0364/79-27 Util ltr to be withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/13 1p
- 8003270019 Forwards IE Insp Repts 70-0135/79-20 & 70-0364/79-27 on 791009-12 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 79/11/08 2pp
- 8003270032 IE Insp Repts 70-0135/79-20 & 70-0364/79-27 on 791009-12 Noncompliance noted assay measurement sys used for SNM accountability not calibr over range of accountability measurements Details withheld (ref 10CFR2 790)  
HOLLODY, D J, SMITH, G C, JOYNER, J H Region 1, Philadelphia, Office of the Director 79/11/06 1p
- 8003040170 Summary of 800115 & 16 meetings w/B&W & Westinghouse in Apollo, PA & Chetwicks, PA respectively re vendor problems in disposing of low level radwaste  
BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/14 3pp
- 8003190369 Ack receipt of 800110 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0135/79-21 Util ltr will be withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/20 1p
- 8003190375 Forwards IF Insp Rept 70-0135/79-21 on 791030-1102  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 79/12/13 2pp
- 8003190382 IE Insp Rept 70-0135/79-21 on 791030-1102 Noncompliance noted failure to calibr flow meters associated w/incinerator discharge sys Details withheld (ref 10CFR2 790)  
COHEN, I, BISSET, P Region 1, Philadelphia, Office of the Director JOYNER, J H Region 1, Philadelphia, Safeguards Branch 79/12/07 1p
- 8003190714 Ack receipt of 800214 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0135/79-28  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/22 1p
- 8003190719 Responds to NRC 800122 ltr re violations noted in IE Insp Rept 70-0135/79-28 Corrective actions work request issued to relocate detector closer to Pilot tube sampling port to better control radionuclide contamination in exhaust air  
AUSTIN, H A Babcock & Wilcox Co., Nuclear Material Div 80/02/14 2pp
- 8003190722 Forwards IE Insp Rept 70-0135/79-28 on 791213 & notice of violation  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/22 2pp
- 8003190724 Notice of violation from insp on 791213  
\* Region 1, Philadelphia, Office of the Director 80/01/22 1p
- 8003190727 IE Insp Rept 70-0135/79-28 on 791213 Noncompliance noted failure of unfiltered ventilation sys to automatically shutdown when radioactive matl action level exceeded in duct work  
CROCKER, H W Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/22 6pp
- 8003270054 Safety evaluation re 790816 license amend application for revision of Licenses SNM-414 & SNM-145 Revised B&W organization & organizational controls provide adequate coverage Approval of amend recommended  
BURKHARDT, W, ROUSE, L Advanced Fuel & Spent Fuel Licensing Branch NIXON, W Uranium Fuel Licensing Branch 80/02/22 2pp
- 8003190787 Ack receipt of 800204 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0135/79-11 & 70-0364/79-15 Util ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/25 1p
- 8003190792 Forwards IE Insp Repts 70-0135/79-11 & 70-0364/79-15 on 790430-0601 & notices of violation, Apps A & B App A withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/11 2pp
- 8003190795 Notice of violation, App B, from insp on 790430-0601  
\* Region 1, Philadelphia, Office of the Director 80/01/04 1p
- 8003190803 IE Insp Repts 70-0135/79-11 & 70-0364/79-15 on 790430-0601 Noncompliance noted two five-gallon pails containing enriched U found in counting room of high enriched U matl access area w/o approval Portions withheld (ref 10CFR2 790)  
JOYNER, J H Region 1, Philadelphia, Safeguards Branch KUSHNER, W L Region 1, Philadelphia, Office of the Director 80/01/04 11pp
- 8003270323 Ack receipt of 800117 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0135/79-22 & 70-0364/79-28 Util ltr to be withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/25 1p
- 8003270330 Forwards IE Insp Repts 70-0135/79-22 & 70-0364/79-28 on 791105-09 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/02 1p
- 8003270336 IE Insp Repts 70-0135/79-22 & 70-0364/79-28 on 791105-09 Noncompliance noted licensee failed to identify all sealed sources during conduct of physical inventory of Pu facility Details withheld (ref 10CFR2 790)  
SUMMERS, R Region 1, Philadelphia, Office of the Director JOYNER, J H Region 1, Philadelphia, Safeguards Branch 79/12/14 1p
- 8003250213 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Bys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p
- 8003250163 "Safeguards Case Study of Nuclear Matls & Equipment Corp U Processing Plant, Apollo, PA." main rept  
ALTMAN, W Office of Nuclear Material Safety & Safeguards HOCKEY, J, GUINN, E Physical Security Development Branch NUREG-0627 80/03/31 7pp Available at NTIS
- DOCKET 70-0143 NUCLEAR FUEL SERVICES, INC
- 8003050310 FOIA request for transcripts of & matls prepared for NRC 791214 briefing concerning facility  
COCHRAN, T B Natural Resources Defense Council 79/12/17, 1p
- 8003210033 Forwards IE Insp Rept 70-0143/79-48 on 791212-13 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/04 2pp
- 8003210040 IE Insp Rept 70-0143/79-48 on 791212-13 No noncompliance noted Major areas inspected packaging & transportation of radwaste  
GILLESPIE, P Region 2, Atlanta, Safeguards Branch KABLE, J B Region 2, Atlanta, Office of the Director 79/12/28 3pp
- 8003050315 FOIA request for documents re NRC consideration of licensing facility, transcripts of Commission 800116 closed meeting & J Deutch ltr to Chairman Ahearne  
COCHRAN, T B Natural Resources Defense Council 80/01/17 1p

# DOCKETED ITEMS

321

8003310206 Forwards matl balances covering inventory period 790514-1206 for low enriched U Encl withheld (ref 10CFR2 790)  
HENBLEY, K D Nuclear Fuel Services, Inc (subs of Getty Oil Co )  
80/01/22 1p

8003060230 Requests registration as user of shipping container Model UNC-1484  
MICHEL, C J Nuclear Fuel Services, Inc (subs of Getty Oil Co )  
80/01/23 1p

8003250607 Forwards revision to 780829 request for amend to License SNM-124, lowering min initial sample rates for air particle monitors & low vol samplers Amend originally requested on 780829  
MICHEL, C J Nuclear Fuel Services, Inc (subs of Getty Oil Co )  
80/01/24 1p

--8003250616 Revision to 780829 request for amend to License SNM-124, lowering min initial sample rates for air particle monitors & low vol samplers Revised license Page 139 encl  
MICHEL, C J Affiliation Unknown 78/08/29 2pp

8003120151 Forwards sanitized versions of NRDC request for hearing & accompanying affidavits  
WHIPP, R F Information Security Branch 80/02/13 1p

--8003120156 Forwards request for hearing & accompanying affidavits Copy of documents also sent to L Robertson for classification review Copies also encl for NRC attys & NFS following classification review Certificate of Svc encl  
FLEISCHAKER, D Natural Resources Defense Council 80/02/06 3pp

--8003120163 Request for hearing on proposed amend to License SNM-124 & NRC decision to authorize continued operation of facility Due to large inventory differences, facility should be shut down & License SNM-124 revoked  
FLEISCHAKER, D , SCHERR, S J Natural Resources Defense Council  
FLEISCHAKER, D Fleischaker, D G 80/02/06 16pp

--8003120170 Affidavit re NFS facility in Erwin, TN Possible to construct nuclear weapon w/amount of U missing from facility inventory in view of possible dangers, facility operated in unsafe condition  
COCHRAN, T B Natural Resources Defense Council 80/02/06 20pp

--8003120178 Affidavit re NFS facility in Erwin, TN Reasons why NRDC should be granted standing-in procedure given Members live within geographical limits & would be affected by plant mishap  
ADAMS, J H Natural Resources Defense Council 80/01/31 6pp

8003130672 Ack receipt of unclassified version of Natural Resources Defense Council 800206 request for hearing & accompanying affidavits Licensee reserves right to participate including commenting on sufficiency of petitioner standing  
NEWMAN, M J Nuclear Fuel Services, Inc (subs of Getty Oil Co )  
80/02/21 1p

8003190040 Requests participation in study w/New Brunswick Labs by supplying 3B 5 g std Results will determine acceptability of KAPL std  
PARTLOW, J G Material Control Licensing Branch 80/02/26 1p

8003190423 Revises License SNM 124, Amend MPP-1, Condition 2 9 re recovery of scrap matls over several matl balance periods  
PARTLOW, J G Material Control Licensing Branch 80/02/27 1p

8003200042 Responds to 800128 ltr requesting rept, following each inventory, on percentage of plant throughput for highly enriched U Info may be provided on classified basis Investigation findings on inventory difference inconclusive  
AHEARNE, J F Commission 80/02/27 2pp

--8003200051 Requests rept, following each inventory, on percentage of plant throughput  
QUILLEN, J H House of Rep 80/01/28 1p

8003050319 Provides further response to FOIA requests for documents re NRC consideration of licensing facility & transcripts concerning closed Commission meetings, Transcripts partially withheld (ref FOIA Exemption 1)  
FELTON, J M Division of Rules and Records 80/02/28 1p

8003250518 Forwards IF Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/03/14, 1p

DOCKET 70-0152 PURDUE UNIV

8003250412 Forwards revised security plan Plan withheld (ref 10CFR2 790)  
STANSBERRY, E R Purdue Univ 80/03/19 1p

DOCKET 70-0223 CALIFORNIA, UNIV OF

8003170026 Forwards IE Insp Repts 50-142/80-01 & 70-0223/80-01 on 800211 & 12 No noncompliance noted Insp rept withheld (ref 10CFR2 790)  
NORBERHAUS, L R Region 5 San Francisco, Safeguards Branch  
80/02/26 2pp

DOCKET 70-0270 MISSOURI, UNIV OF

8003060630 Ack receipt of 800121 ltr informing NRC of steps taken to correct violations noted in IE insp repts for Licenses R-79 & SNM-247  
HIND, J A Region 3, Chicago, Safeguards Branch 80/02/07 1p

--8003060638 Responds to NRC 800111 ltr re violations noted in IE insp repts for Licenses R-79 & SNM-247 Corrective actions withheld (ref 10CFR2 790)  
PLANJE, T J Missouri, Univ of Rolla 80/01/21 1p

--8003060643 Ack receipt of NRC 800111 ltr & IE insp repts noting violations of activities under Licenses R-79 & SNM-247 Advises that persons responsible for license activity will respond no later than 800201  
PLANJE, T J Missouri, Univ of Rolla 80/01/14 1p

DOCKET 70-0314 LEDOUX & CO

8003060436 Ack receipt of 791231 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0314/79-01, 40-8188/79-01 & 30-05260/79-01  
MCCLINTOCK, R D Region 3, Philadelphia, Office of the Director  
80/01/24 1p

--8003060443 Responds to NRC 791206 ltr re violations noted in IE Insp Repts 70-0314/79-01, 40-8188/79-01 & 30-05260/79-01 Corrective actions taken metal repaired, two supplemental instruments ordered as backup  
KALLHANN, S Ledoux & Co, Inc 79/12/31 1p

--8003060447 Discusses insp of Licenses 40-8188, 70-0314 & 29-01442-01 on 791109 & forwards notice of violation  
MCCLINTOCK, R D Region 3, Philadelphia, Office of the Director  
79/12/06 1p

--8003060452 Notice of violation from insp on 791109  
\* Region 3, Philadelphia, Office of the Director 79/12/06 1p

DOCKET 70-0364 PARKS TOWNSHIP SITE, BABCOCK & WILCOX CO

8003200286 Forwards revisions to demonstrations of License SNM-414 for yr since Feb 1979, covering health & safety manual & operational health & safety procedures  
\* Babcock & Wilcox Co, Nuclear Material Div 80/01/30 49pp

--8003200273 QA policy & procedures manual, Revision B, Part I  
\* Babcock & Wilcox Co, Nuclear Material Div 79/04/16 90pp

--8003200299 QA policy & procedures manual, Revision B, Part II  
\* Babcock & Wilcox Co, Nuclear Material Div 79/04/16 93pp

--8003200304 "Areas for Drum Storage"  
\* Babcock & Wilcox Co, Nuclear Material Div 79/08/01 1p

--8003200309 "Mixed Oxide Fuel Facility Fabrication 1 Area (Plan) Layout"  
\* Babcock & Wilcox Co, Nuclear Material Div 79/10/24 1p

8003050056 Application for amend to License SNM-414 authorizing exemption to allow establishment of archive for documents in Feb 8 area of Fu facility Lists administrative & physical controls to be applied  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 79/07/11 2pp

## DOCKETED ITEMS

- 8003050059 Requests payment of administrative fee for 790711 request for amend to License SNM-414  
WEISS, D License Fee Management Branch 79/07/19 1p
- 8003050667 Forwards administrative fee re 790711 application for amend to License SNM-414 requesting exemption to allow establishment of archive for documents in Fab B area of Pu facility  
AUSTIN, M A Babcock & Wilcox Co , Nuclear Material Div 79/07/25 1p
- 8003040044 Requests amend to License SNM-414 to allow storage of source matl in 12 designated areas Drawings & proposed revisions to specs & safety demonstration encl  
AUSTIN, M A Babcock & Wilcox Co 79/08/03 8pp
- 8003040047 "Parks Township Site Areas for Drum Storage"  
\* Babcock & Wilcox Co 79/08/01 1p
- 8003060102 Forwards Amend 5 to License SNM-414 to increase possession limit of source matl to be stored in areas designated on 790731 Drawing 11-C 623 Revision 1 Safety evaluation encl  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 79/08/28 2pp
- 8003060109 Amend 5 to License SNM-414, increasing possession limit of U by 2,000,000 kg to be stored in designated areas at Parks Township, PA site  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 79/08/28 4pp
- 8003060114 Safety evaluation supporting Amend 5 to License SNM-414, increasing possession limit of U by 2,000,000 kg U will be stored in designated areas at Parks Township, PA site  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 79/08/28 2pp
- 8003050298 License condition to Amend MPP-1 of License SNM-414 adding 24 h to verify receipt of Pu dioxide  
PARTLOW, J G Material Control Licensing Branch 79/09/07 1p
- 8003060113 Requests svcs of Pittsburgh District in analysis of risk from seismically induced failure of Conemaugh & Loyalhanna Dams Forwards rept, "Seismic Risk Analysis for Facility"  
W/o encl  
CUNNINGHAM, R C Division of Fuel Cycle & Material Safety 79/09/21 2pp
- 8003040342 Forwards revised pages of Apollo site physical security plan, Revision 1 & Parks Township site physical security plan, Revision 1 for inclusion in NRC copies of plans Encls withheld (ref 10CFR2 790)  
AUSTIN, M A Babcock & Wilcox Co , Nuclear Material Div 79/10/24 1p
- 8003040247 Forwards Drawing 11-B-348, Revision 8 for inclusion in site safeguards contingency plan Revision necessitated by recent establishment of document archive area in Fab B of Pu facility Encl withheld (ref 10CFR2 790)  
AUSTIN, M A Babcock & Wilcox Co , Nuclear Material Div 79/10/30 1p
- 8003060222 Approves Drawing 11-B-349, Revision 15 for inclusion in 780517 physical security plan Drawing is classified as confidential natl security info & withheld from public disclosure  
MCCORKLE, G W Physical Security Licensing Branch 79/11/16 1p
- 8003060226 Approves Drawing 11-B-348, Revision 8, for inclusion in 780908 safeguards contingency plan Drawing is classified as confidential natl security info & withheld from public disclosure  
MCCORKLE, G W Physical Security Licensing Branch 79/11/19 1p
- 8003060233 Approves revised Pages 27 & 28 of Apollo physical security plan & revised Pages 30 & 31 of Parks Township site physical security plan Pages are classified as natl security info & withheld from public disclosure  
MCCORKLE, G W Physical Security Licensing Branch 79/11/19 1p
- 8003140062 Submits monthly status rept re Pu ventilation upgrading Major portion of equipment installation completed Hoods & ventilation ducts removed for burial Chart encl indicating various project phases  
ARTHUR, K L Babcock & Wilcox Co 80/01/15 4pp
- 8003050295 Ack receipt of 791130 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 70-0364/79-23 Util 791130 ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/18 1p
- 8003060352 Forwards replacement page for Drawing 2 re Fab 1 eastern section to be appended to IE Insp Rept 70-0364/79-30  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/24 2pp
- 8003280219 Forwards IE Insp Rept 70-0135/80-01 & 70-0364/80-01 on 800107-11 No noncompliance noted Rept details withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/04 2pp
- 8003280248 IE Insp Repts 70-0135/80-01 & 70-0364/80-01 on 800107-11 No noncompliance noted Major areas inspected measurement & controls & inventory verification Details withheld (ref 10CFR2 790)  
MARTIN, W G, SHAUB, C J ZISLUSKY, H Region 1, Philadelphia, Office of the Director 80/01/30 1p
- 8003280161 Forwards IE Insp Repts 70-0135/79-18 & 70-0364/79-26 on 791001-1102 No noncompliance noted Sections of rept withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/05 2pp
- 8003260166 IE Insp Repts 79-0135/79-18 & 79-0364/79-26 on 791001-1102 No noncompliance noted Major areas inspected matl control & accounting, physical security, health & industrial safety Sections withheld (ref 10CFR2 790)  
JOYNER, J H, KUSHNER, W L Region 1, Philadelphia, Office of the Director 80/02/01 9pp
- 8003250417 Forwards revised Page 5 to site physical security plan, Revision 1 Revision necessitated by issuance of Copy 10 of plan to NRC resident inspector Encl withheld (ref 10CFR2 790)  
AUSTIN, M A Babcock & Wilcox Co , Nuclear Material Div 80/02/05 1p
- 8003270006 Ack receipt of 771205 ltr informing NRC of steps taken to correct violations noted in Insp Repts 70-0135/79-20 & 70-0364/79-27 Util ltr to be withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/13 1p
- 8003270019 Forwards IE Insp Repts 70-0135/79-20 & 70-0364/79-27 on 791009-12 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 79/11/08 2pp
- 8003270032 IE Insp Repts 70-0135/79-20 & 70-0364/79-27 on 791009-12 Noncompliance noted assay measurement sys used for SNM accountability not calibr over range of accountability measurements Details withheld (ref 10CFR2 790)  
HOLDOY, D J, SMITH, G C, JOYNER, J H Region 1, Philadelphia, Office of the Director 79/11/06 1p
- 8003040170 Summary of 800115 & 16 meetings w/B&W & Westinghouse in Apollo, PA & Cheswick, PA respectively re vendor problems in disposing of low level radwaste  
BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/14 3pp
- 8003180138 Responds to 800211 ltr re Facility intrusion detection sys Amend to SNM-414 will be required  
WEISS, D License Fee Management Branch 80/02/22 1p
- 8003200092 Forwards Amend 8 to Matl's License SNM-414 incorporating revised organization, organizational responsibility description & personnel qualifications Includes replacement pages for application license conditions & revised Annex A  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 1p
- 8003200100 Amend 8 to Matl/Dyproduct License SNM-414 incorporating revised organization, organizational responsibilities & personnel qualifications  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/22 34pp
- 8003270054 Safety evaluation re 790816 license amend application for revision of Licenses SNM-414 & SNM-145 Revised B&W organization & organizational controls provide adequate coverage Approval of amends recommended  
BURKHARDT, W, ROUSE, L Advanced Fuel & Spent Fuel Licensing Branch  
NIXON, W Uranium Fuel Licensing Branch 80/02/22 2pp
- 8003190787 Ack receipt of 800204 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0135/79-11 & 70-0364/79-15 Util ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/25 1p

# DOCKETED ITEMS

323

--B003190792 Forwards IE Insp Repts 70-0135/79-11 & 70-0364/79-15 on 790430-0601 & notices of violation, Apps A & B App A withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/11 2pp

--B003190775 Notice of violation, App B, from insp on 790430-0601  
\* Region 1, Philadelphia, Office of the Director 80/01/04 1p

--B003190803 IE Insp Repts 70-0135/79-11 & 70-0364/79-15 on 790430-0601  
Noncompliance noted two five-gallon pails containing enriched U found in counting room of high enriched U matl access area w/o approval Portions withheld (ref 10CFR2 790)  
JOYNER, J H Region 1, Philadelphia, Safeguards Branch  
KUSHNER, W L Region 1, Philadelphia, Office of the Director 80/01/04 1pp

B003270323 Ack receipt of B00117 ltr informing NRC of steps taken to correct violations noted in IE Insp Repts 70-0135/79-22 & 70-0364/79-28 Util ltr to be withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/25 1p

--B003270330 Forwards IE Insp Repts 70-0135/79-22 & 70-0364/79-28 on 791105-09 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/02 1p

--B003270336 IE Insp Repts 70-0135/79-22 & 70-0364/79-28 on 791105-09, Noncompliance noted licensee failed to identify all sealed sources during conduct of physical inventory of Pu facility Details withheld (ref 10CFR2 790)  
SUMNER, R Region 1, Philadelphia, Office of the Director  
JOYNER, J H Region 1, Philadelphia, Safeguards Branch, 79/12/14 1p

B003240585 Discusses safety review of B00212 license amend application for authorization to store packaged low level waste in specified areas B&W program includes adequate commitments for safe storage Recommends approval  
BURKHARDT, W, ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/27 2pp

B003250453 Forwards Amend 9 to License SNM-414  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/27 2pp

--B003250455 Amend 9 to License SNM-414, authorizing storage of low level SNM contaminated waste in designated areas & under conditions described in vendor B00212 & 26 ltrs  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch, 80/02/27 14pp

B003240041 Ack receipt of check in payment for B00212 amend request Will notify NRC controller to refund initial fee  
WEISS, D License Fee Management Branch 80/03/05 1p

B003250213 Forwards IE Info Notice 80-11, "Generic Problems W/ABCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

B003280605 Requests payment of minor safeguards amend fee for B00212 minor safety & environ amend to License SNM-414 re storage of U & Pu waste  
WEISS, J D License Fee Management Branch 80/03/17 1p.

## DOCKET 70-0371 UNITED NUCLEAR CORP

B003190002 Requests vendor participate in study w/New Brunswick Lab by supplying 38 5 g of std Results will determine acceptability of KAPL std  
PARTLOW, J G Material Control Licensing Branch, 80/02/26 1p

B003050262 Forwards IE Insp Rept 70-0371/79-21 on 791029-1102 No noncompliance noted Portions withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch, 79/12/28 1p

--B003050269 IE Insp Rept 70-0371/79-21 on 791029-1102 No noncompliance noted Major areas inspected measurement control program, physical inventory & records & repts Portions withheld (ref 10CFR2 790)  
JOYNER, J H, ZIBULSKY, H, MOLTNER, E Region 1, Philadelphia, Safeguards Branch 79/12/14 1p

B003030038 Ack receipt of B00102 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0371/79-20  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/01/18 1p

--B003030041 Responds to NRC 791212 ltr re violations noted in IE Insp Rept 70-0371/79-20 Corrective actions Drawings E-20354-3 revised & blocks of oak or equivalent wood will be used as space fillers in inner container  
GANLEY, D E United Nuclear Corp, Naval Products Div 80/01/02 3pp

--B003030045 Forwards IE Insp Rept 70-0371/79-20 on 791015-19 & notice of violation  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/12 2pp

--B003030047 Notice of violation from insp on 791015-19  
\* Region 1, Philadelphia, Office of the Director 79/12/11 3pp

--B003030052 IE Insp Rept 70-0371/79-20 on 791015-19 Noncompliance noted shipping containers were not in accord w/appropriate drawings & failure to use lute on threads in shipping containers  
KIRKNEY, W H Region 1, Philadelphia, Office of the Director  
CROCKER, H W Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/11 9pp

B003110223 Forwards IE Insp Rept 70-0371/79-23 on 791210-13 No noncompliance noted  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/28 1p

--B003110227 IE Insp Rept 70-0371/79-23 on 791210-13 No noncompliance noted Major areas inspected physical inventory reconciliation, records & repts Details withheld (ref 10CFR2 790)  
JOYNER, J H, DELLA MATTA, A, MOLTNER, E Region 1, Philadelphia, Safeguards Branch 80/01/23 1p

B003260089 Submits commitment to provide fund, when needed for decontamination & decommissioning of Wood River Junction site in response to NRC request  
WILLIAMS, R C United Nuclear Corp 80/01/28 1p

B003310127 Forwards "Effluent Monitoring Rept, Jul-Dec 1979 " Data not adjusted by dilution factors which would be applied to calculate releases to unrestricted areas  
KIRK, W F United Nuclear Corp, Naval Products Div 80/02/21 1p

--B003310129 "Effluent Monitoring Rept, Jul-Dec 1979 "  
\* United Nuclear Corp, Naval Products Div 80/02/21 1p

B003200510 Requests payment of fee re B00221 request to amend License SNM-368 for extension to comply w/safeguards License Condition 4  
WEISS, D License Fee Management Branch 80/03/03 1p

B003250227 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 70-0374 ST JOSEPH COLLEGE

B003040686 Determines that shotguns currently in use by guard force at facilities are suitable substitutes for guns specified in App B to 10CFR73  
MCCORKLE, O W Physical Security Licensing Branch 80/01/07 1p

## DOCKET 70-0572 MONSANTO RESEARCH CORP

B003200296 Informs NRC that 791128 insp rept of Monsanto Research Corp has been forwarded to WA Crowder, Director, Regional Motor Carrier Safety Ofc WA Crowder is responsible for administration of hazardous matls regulations over region  
MCANDREW, A R Transportation, Dept of, Federal Highway Administration 80/02/21 1p

## DOCKET 70-0687 UNION CARBIDE CORP

B003040003 Ack receipt of B00109 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0687/79-05  
SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/12 1p

## DOCKETED ITEMS

--8003040010 Responds to NRC 791214 ltr re violations noted in IE Insp Rept 70-0687/79-05 Corrective actions mechanical stop has been put on plating lab hood & new file established for emergency drill records  
VOTH, M H Union Carbide Corp 80/01/09 4pp

--8003040016 Forwards IE Insp Rept 70-0687/79-05 & notice of violation SMITH, O H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/14 2pp

--8003040020 Notice of violation from insp on 791029-31  
\* Region 1, Philadelphia, Office of the Director 79/11/28 2pp

--8003040026 IE Insp Rept 70-0687/79-05 on 791029-31 Noncompliance noted failure to maintain contaminated hood face velocity requirements & post safety signs in drum storage areas  
CROCKER, H W Region 1, Philadelphia, Fuel Facility & Materials Safety Branch KILNEY, W W, ROTH, J Region 1, Philadelphia, Office of the Director 79/11/28 12pp

8003260013 Denies 791129 request for approval of route for transport of spent reactor fuel Approves encl alternate route for spent fuel routing Encl withheld (ref 10CFR2 790)  
MCCORKLE, G W Physical Security Licensing Branch 80/03/03 2pp

## DOCKET 70-0734 GENERAL ATOMIC CO

8003060065 Forwards Condition 9 4 15 to Amend MPP-1 to License SNM-696 authorizing delay in use of second radio frequency as required by security, contingency & guard training plans  
MCCORKLE, G W Physical Security Licensing Branch 79/10/23 1p

--8003060078 Condition 9 4 15 to Amend MPP-1 to License SNM-696 authorizing delay in use of second radio frequency as required by security, contingency & guard training plans  
\* Physical Security Licensing Branch 79/10/23 1p

8003050177 Forwards IE Insp Rept 70-0734/80-01 on 800128-0201 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDERHAUS, L R Region 5, San Francisco, Safeguards Branch 80/02/14 2pp

8003250146 Forwards IF Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## DOCKET 70-0754 VALLECITOS NUCLEAR CENTER, GENERAL ELECTRIC CO

8003060394 Informs NRC of inventory reduction for physical security requirements VNC physical security plan discontinued  
HOSCHNER, R A General Electric Co 79/09/07 1p

8003050086 Application for amend to License SNM-960 revising encl fundamental nuclear matl control & accounting plan List of proposed changes to Revision 3 of Amend MPP-2 & fee encl ncls withheld (ref 10CFR2 790)  
SCHNER, R A General Electric Co 79/09/24 2pp

80042 Forwards info re increment of analysis of effects of natural phenomena relative to Pu fabrication operations  
E, L C Advanced Fuel & Spent Fuel Licensing Branch 80/01/18 1p

800250603 Submits effluent monitoring rept for Jul-Dec 1979 impossible to differentiate between effluents generated by License 4M-960 activities & effluents resulting from activities ider CA source matl license  
102, R E, CUNNINGHAM, G E General Electric Co 80/01/29 1p.

1050182 Forwards IE Insp Rept 70-0754/80-01 on 800207 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDERHAUS, L R Region 5, San Francisco, Safeguards Branch 1/02/21 1p

200111 Recommends endorsement of Inst for Disaster Research rept effect of Natural Phenomena on Existing Pu Fabrication Facilities, as NRC position & basis for succeeding increments of analysis.  
ER, J E, BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 8/02/21 1p

03200119 Forwards Inst for Disaster Research rept "Effect of Natural Phenomena on Existing Pu Fabrication Facilities," Vol 1.  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/21 1p.

8003250152 Forwards increment to analysis of effects of natural phenomena re Pu fabrication operations Rept entitled "Calculation of Particulate Dispersion in Design-Basis Tornadoic Storm"  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/21 1p

--8003250157 "Calculation of Particulate Dispersion in Design-Basis Tornadoic Storm"  
PEPPER, D W, CRAWFORD, T V E I du Pont de Nemours & Co, Inc DP-1543 79/11/30 26pp

8003200133 "Effect of Natural Phenomena on Existing Pu Fabrication Facilities," Vol 1, prepared by Inst for Disaster Research  
MEHTA, K C, SMITH, D A, MCDONALD, J R Texas Tech Univ 80/01/31 63pp

8003240263 Notifies of fee refund re 790413 request to revise pages to physical security plan No licensing action taken on reviewing request  
WEISS, D License Fee Management Branch 80/03/03 1p

8003250148 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

## DOCKET 70-0791 ENVIRONMENTAL PROTECTION AGENCY

8003280244 IE Insp Findings & Licensee Ack dtd 800207 of License SNM-842 Insp findings no noncompliance noted  
PERRY, W Region 2, Atlanta, Office of the Director 80/02/07 1p

8003200581 IE Insp Findings & Licensee Ack dtd 800208 of License SNM-842 Insp findings no noncompliance noted  
\* Region 2, Atlanta, Office of the Director 80/02/08 1p

## DOCKET 70-0820 UNITED NUCLEAR CORP

8003170127 Discusses response to questions per 800102 & 03 telcons re waste disposal activities Steam distillate discharged directly into atmosphere w/steam samples showing little radioactivity Solids drying equipment will be installed  
STEVENSON, R L Uranium Fuel Licensing Branch 80/01/10 2pp

8003050202 Objects to established limits re radwaste burial allocation plan Six months used to determine allocation reflected below-normal burial requirements Allocation disproportionately reduced from base period average  
BOWERS, C E United Nuclear Corp, UNC Recovery Systems Div 80/01/11 4pp

8003040102 Notifies that Helgeson, as Manager of Nuclear & Industrial Safety, may act as specialist in health physics, but not as specialist in criticality safety Requests amend to Section 200 of license re use of consultants as onsite specialists  
STEVENSON, R L Uranium Fuel Licensing Branch 80/01/16 1p

8003310200 Application for administrative amend to License SNM-777 providing for continued use of borosilicate raschig rings originally installed in Tank 1-D-24A Revised specs & fee encl  
BOWERS, C E United Nuclear Corp, UNC Recovery Systems Div 80/01/24 4pp

8003190280 Forwards IF Insp Rept 70-0820/79-20 on 791127-29 No noncompliance noted  
MARTIN, W O Region 1, Philadelphia, Safeguards Branch 80/01/25 2pp

--8003190285 IE Insp Rept 70-0820/79-20 on 791127-29 No noncompliance noted Major areas inspected measurements & statistical controls Details withheld (ref 10CFR2 790)  
COHEN, I, ZIBULSKY, H Region 1, Philadelphia, Office of the Director JOYNER, J Region 1, Philadelphia, Safeguards Branch 80/01/21 1p

8003240064 Forwards 800205 financial commitment ltr re decontamination & decommissioning of facility  
SCHULTZ, D M United Nuclear Corp, UNC Recovery Systems Div 80/02/11 1p

# DOCKETED ITEMS

32

--8003240216 Responds to NRC request for financial surety in decommissioning facility Vendor commits to provide funds when needed for decontamination & decommissioning of facility  
WILLIAMS, R C United Nuclear Corp, UNC Recovery Systems Div  
80/02/05 1p

8003050154 Ack receipt of 791102 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0820/79-11  
Portions withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/14 2pp

--8003050162 Forwards IE Insp Rept 70-0820/79-11 on 790424-27 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 79/10/18 2pp

--8003050171 IE Insp Rept 70-0820/79-11 on 790424-27 Noncompliance noted central alarm sys & maint of personnel search device Details withheld (ref 10CFR2 790)  
DEVILIN, J W Region 1, Philadelphia, Safeguards Branch  
BAILEY, R J, SHEPHERD, R E Region 1, Philadelphia, Office of the Director 79/10/16 1p

8003100040 Responds to 800205 ltr requesting amend to License SNM-777 to change address Administrative amend fee should be forwarded to NRC  
WEISS, D License Fee Management Branch 80/02/20 1p

8003190826 Ack receipt of 800114 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-0820/79-17  
Util ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/23 1p

8003250229 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

8003140131 Requests that one-time expansion of license limits be granted to operators of Barnwell burial site, to accommodate solid matl contained in lagoons Also requests consideration of possible need for addl low level burial space  
BOWERS, C E United Nuclear Corp, UNC Recovery Systems Div  
80/01/16 2pp

## DOCKET 70-0824 BABCOCK & WILCOX CO

8003120423 Confirms 791107 telcon re notice on employee bulletin board Company will post notice stating that application has been submitted for renewal of License SNM-77B  
CROW, W T Uranium Fuel Licensing Branch 79/11/09 1p

8002270464 Forwards negative declaration & supporting EIA re renewal of License SNM-77B for continued operation at facility  
CROW, W T Uranium Fuel Licensing Branch 80/01/10 1p

--8002270471 Negative Declaration re renewal of License SNM-77B  
CROW, W T Uranium Fuel Licensing Branch 80/01/10 1p

--8002270477 EIA Supporting renewal of SNM-77B  
\* Division of Fuel Cycle & Material Safety 80/01/10 73pp

8003190024 Ack receipt of 800124 ltr informing NRC of steps taken to correct violation noted in IE Insp Rept 70-0824/79-08  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/31 1p

--8003190030 Responds to NRC 791231 ltr re violations noted in IE Insp Rept 70-0824/79-08 Corrective actions second person will review completed shipping papers re large quantity shipments of licensed matl  
ENGELDER, T C Babcock & Wilcox Co 80/01/24 2pp

--8003190038 Forwards IE Insp Rept 70-0824/79-08 on 791211 & notice of violation  
KENNA, W B Region 2, Atlanta, Safeguards Branch 79/12/31 2pp

--8003190051 Notice of violation from insp on 791211  
\* Region 2, Atlanta, Office of the Director 79/12/28 1p

--8003190059 IE Insp Rept 70-0824/79-08 on 791211 Noncompliance noted failure to transfer byproduct matl & deliver licensee matl to carrier for transport  
KAHLE, J B Region 2, Atlanta, Safeguards Branch 79/12/28 3pp

8003240171 Forwards QA program for facility revised to include NRC 791101 comments  
OLSEN, A F Babcock & Wilcox Co 80/02/15 1p

--8003240176 QA program for facility  
\* Babcock & Wilcox Co 80/01/31 31pp

8003310185 Application for amend to License SNM-77B to permit const & use of temporary addition to solid waste storage facility, Bldg J Replacement pages for BAN-381, "Demonstration & Conditions for License SNM-77B, and fee encl  
OLSEN, A F Babcock & Wilcox Co 80/02/18 3pp

--8003310193 "Demonstration and Conditions for License SNM-77B," replacement pages re 800218 application for Amend 12 to license  
\* Babcock & Wilcox Co BAN-381 80/02/29 10pp

8003250509 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

## DOCKET 70-0897 NORFOLK STATE COLLEGE

8003120696 IE Insp Findings & Licensee Act dtd 800213 of License SNM-829 Insp findings no items of noncompliance  
WOODRUFF, R Region 2, Atlanta, Office of the Director 80/02/13 1p

## DOCKET 70-0925 CUMMARDN FACILITY, KERR-MCGEE CORP

8003060407 Submits no objection to 790918 ltr re use of sections of facility for bench-scale coal liquefaction development project Agrees w/proposal to decontaminate bldg to build NRC release guidelines  
CROW, W T Uranium Fuel Licensing Branch 79/12/28 1p

800310271 Forwards "Radioactivity in Gaseous Effluent, June-Dec 1979"  
SHELLEY, W J Kerr-McGee Nuclear Corp 80/02/07 1p

--800310274 "Radioactivity in Gaseous Effluent, June-Dec 1979"  
\* Kerr-McGee Nuclear Corp 80/02/07 2pp

## DOCKET 70-0959 NUCLEAR FUEL SERVICES, INC (SUBS OF GETTY OIL CO)

8003250221 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
ORIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 70-0984 PACIFIC NORTHWEST LAB

8003050205 Submits solubility classifications for dust samples collected Sept 1979 at Allied Chemical plant in Metropolis, IL  
KALKWARF, D R Battelle Memorial Institute, Pacific Northwest Laboratory 79/01/11 2pp

8003250141 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
ENGELKEN, R H Region 3, San Francisco, Office of the Director 80/03/14 1p

## DOCKET 70-1007 GENERAL ELECTRIC CO

8003250148 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required  
ENGELKEN, R H Region 3, San Francisco, Office of the Director 80/03/14 1p

## DOCKET 70-1029 EAST STROUDSBURG STATE COLLEGE

8003120411 IE Insp Findings & Licensee Act dtd 800213 of License SNM-0982 Insp findings no noncompliance noted  
CAMPBELL, M Region 1, Philadelphia, Office of the Director 80/02/13 1p



## DOCKETED ITEMS

## DOCKET 70-1100 COMBUSTION ENGINEERING, INC.

8003130660 Requests permission to begin next SNM inventory no later than 7/9/713 & begin future inventories any time during Jan & Jul  
LICHTENBERGER, C-E Power Systems 7/9/06/06 2pp

8003140004 Forwards review of criticality safety calculations & independent analysis to supplement 790423 amend application  
LICHTENBERGER, H C-E Power Systems 7/9/10/17 29pp

8003060379 Amend 21 to License SNM-1067, authorizing survey of removable U contamination by counting alpha activity only  
CROW, W T Uranium Fuel Licensing Branch 7/9/11/05 1p

--8003060390 Safety evaluation supporting Amend 21 to License SNM-1067 authorizing survey of removable U contamination by counting alpha activity only  
SEONG, A L, CROW, W T Uranium Fuel Licensing Branch 7/9/11/05 2pp

8003130632 Requests amend of License SNM-1067 to restrict max allowable enrichment of U oxide in nuclear labs to less than 20% in U-235 isotope & replacement or license page to reflect revision  
LICHTENBERGER, C-E Power Systems 7/9/12/21 2pp

8003250186 Confirms matters discussed in 800201 telcon re Dec 1979 inventory of SNM. Reinventory does not relieve licensee of requirement to perform physical inventory within 210 days of Dec inventory  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/02/04 1p

8003310121 Submits rept of effluent releases during Jul-Dec 1979, based on monitoring data for airborne & liquid releases from facilities in Windsor, CT  
LICHTENBERGER, H C-E Power Systems 80/02/18 1p

8003190806 Ack receipt of 800121 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-1100/79-10  
U-11 ltr withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/25 1p

--8003190812 Forwards IE Insp Rept 70-1100/79-10 on 7/9/105-08 & notice of violation Notice of violation withheld (ref 10CFR2 790)  
MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/02/13 2pp

--8003190821 IE Insp Rept 70-1100/79-10 on 7/9/105-08 Noncompliance noted SNM measurement control procedures & manual & training program for personnel involved in SNM measurements not developed Details withheld (ref 10CFR2 790)  
JOYNER, J K Region 1, Philadelphia, Safeguards Branch  
HOLDOY, D J Region 1, Philadelphia, Office of the Director 7/9/12/07 1p

8003190992 Amend 24 to License SNM-1067 re Item 6B, limiting max enrichment of U to less than 20% U-235  
PAGE, R G Uranium Fuel Licensing Branch 80/02/25 1p

--8003190998 Safety evaluation supporting 7/9/1221 application for amend to License SNM-1067 to limit max enrichment of U to 20% U-235  
KETZLACH, N, CROW, W T Uranium Fuel Licensing Branch 80/02/25 2pp

8003280411 Amend 24 to License SNM-1067, Item 6B re U enriched to less than 20% U-235, in response to 7/9/1221 application All other license conditions will remain same  
PAGE, R G Uranium Fuel Licensing Branch 80/02/25 1p

8003250214 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

## DOCKET 70-1113 GENERAL ELECTRIC CO

8003260199 Application for amend to License SNM-1097 re use of up to 1 g of U oxide containing U enriched up to 93% in U-235.  
See encl.  
KAPLAN, A L General Electric Co 80/01/17 3pp

8003030332 Application for Amend N-2 of License SNM-1097, authorizing expansion of conversion capacity Two addl process lines will be added, increasing conversion capacity by approx 40%  
Supporting documentation encl  
KAPLAN, A L General Electric Co 7/9/12/21 110pp

8003170136 Discusses 7/9/1210-14 visit to facility & OE comments re changes in license conditions due to 40CFR190 implementation  
DECKER, T R Uranium Fuel Licensing Branch 7/9/12/26 2pp

8003250290 Ack receipt of 800201 & 7/9/1217 ltrs informing NRC of addl steps taken to correct violations noted in IE Insp Rept 70-1113/79-20  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/02/07 2pp

--8003250299 Responds to NRC 800122 ltr w/ supplemental info re violations noted in IE Insp Rept 70-1110/79-20 Corrective actions training completed for members of damage control & rescue teams & training records are organized  
KAPLAN, A L General Electric Co 80/02/01 7pp

--8003250305 Ack receipt of 7/9/1217 ltr informing NRC of steps taken to correct violations noted in IE Insp Rept 70-1113/79-20  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/22 2pp

--8003250315 Responds to NRC 7/9/120 ltr re violations noted in IE Insp Rept 70-1113/79-20 Corrective actions sheriff personnel have completed training and draft procedure listing personnel & functions implemented  
KAPLAN, A L General Electric Co 7/9/12/17 6pp

--8003250321 Forwards IE Insp Rept 70-1113/79-20 on 7/9/1025-26 & notice of violation  
SUTHERLAND, J T Region 2, Atlanta, Fuel Facility & Materials Safety Branch 7/9/11/20 2pp

--8003250343 Notice of violation from insp on 7/9/1025-26  
\* Region 2, Atlanta, Office of the Director 7/9/11/19 1p

--8003250348 IE Insp Rept 70-1113/79-20 on 7/9/1025-26, Noncompliance noted failure to complete emergency training requirements by implementation date  
JENKINS, G R Region 2, Atlanta, Fuel Facility & Materials Safety Branch  
KAHLE, J B, PERROTTI, D J Region 2, Atlanta, Office of the Director 7/9/11/19 5pp

8003250315 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director. 80/03/14 1p

## DOCKET 70-1143 WESTINGHOUSE ELECTRIC CORP

8003060091 Forwards "Estimated Airborne Release of Pu From Facility as Result of Postulated Damage From Severe Wind & Seismic Hazard "  
ROUSE, L C. Advanced Fuel & Spent Fuel Licensing Branch 7/9/08/15 1p

--8003060097 "Estimated Airborne Release of Pu From Facility as Result of Postulated Damage From Severe Wind & Seismic Hazard "  
MISHIMA, J, SCHWENDIMAN, L., AYER, J E. Battelle Memorial Institute, Pacific Northwest Laboratory PNL-2945 7/9/06/30 101pp Available at NTIS

8003070145 Forwards Final increment of analysis of effects of natural phenomena on operations entitled, "Environ Consequences of Postulated Pu Releases from Facility on Cheswick, PA, as Result of Severe Natural Phenomena "  
ROUSE, L C. Advanced Fuel & Spent Fuel Licensing Branch 7/9/08/15 1p.

--8003070148 "Environ Consequences of Postulated Pu Releases from Facility in Cheswick, PA, as Result of Severe Natural Phenomena "  
MCIPHERSON, R B, WATSON, E C. Battelle Memorial Institute, Pacific Northwest Laboratory PNL-2984 7/9/06/30 70pp Available at NTIS

8003060323 Forwards IE Insp Rept 70-1143/79-11, No noncompliance noted  
MARTIN, W G. Region 1, Philadelphia, Safeguards Branch. 7/9/09/06 2pp.

# DOCKETED ITEMS

327

--8003060336 IE Insp Rept 70-1143/79-11 on 790723-27 No noncompliance noted Major areas inspected facility operation, records & repts, mgt of matls control sys & action on previously identified item of noncompliance  
DELLA RATTA, A. JOYNER, J H Region 1, Philadelphia, Safeguards Branch 79/09/01 3pp

8003040295 Requests description of actions taken & schedule for completion of mod of facility physical protection procedures in accordance w/draft comprehensive evaluation rept  
BURNETT, R F Division of Safeguards 79/09/21 1p

8003050036 Requests NRC authorization for extension until 791112 for inventory schedule Delay requested since significant amount of matl is going through scrap recovery process  
DIPIAZZA, R P Westinghouse Electric Corp 79/10/17 1p

--8003050038 Submits fee for 791017 application for amend, extending inventory schedule until 791112  
DIPIAZZA, R P Westinghouse Electric Corp 79/10/24 1p

8003190224 Forwards description of actions taken & completion schedule for recommendations in NRC comprehensive evaluation rept re physical security & matl accountability programs Security procedures withheld (ref 10CFR2 790)  
MOORE, J S Westinghouse Electric Corp 79/10/17 1p

8003040052 Advises that refund is being processed re 791024 request to amend License SNM-1120  
JACKSON, G License Fee Management Branch 79/11/07 1p

--8003040055 Application for amend to License SNM-1120 to authorize possession & use of sealed sources containing listed radionuclides Fee encl  
DIPIAZZA, R P Westinghouse Electric Corp 79/10/24 1p

8003070047 Forwards final increment of analysis of effects of natural phenomena entitled, "Risk Analysis of Postulated Pu Releases from Westinghouse Pu Fuels Development Lab, as Result of High Winds & Earthquakes"  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 79/11/09 27pp

--8003070050 "Risk Analysis of Postulated Pu Releases from Westinghouse Pu Fuels Development Lab, as Result of High Winds & Earthquakes"  
\* Commission 79/11/09 26pp

8003050092 Forwards FR notice containing list of major proposed licensing actions filed w/Div of Fuel Cycle & Matl Safety that have not been previously published Copy of notice should be posted for employees  
CUNNINGHAM, R E Division of Fuel Cycle & Material Safety 79/11/19 1p

--8003050114 Notice of receipt of applications for licenses & applications for amends & renewal of licenses  
CUNNINGHAM, R E Division of Fuel Cycle & Material Safety 79/11/19 5pp

8003190149 Forwards IE Insp Rept 70-1143/79-19 on 791218-19 No noncompliance noted  
MARTIN, W O Region 1, Philadelphia, Safeguards Branch 80/01/25 2pp

--8003190158 IE Insp Rept 70-1143/79-19 on 791218-19 No noncompliance noted Major areas inspected measurement & statistical controls & inventory difference & associated limit of error Details withheld (ref 10CFR2 790)  
HLODDY, D J Region 1, Philadelphia, Office of the Director  
JOYNER, J H Region 1, Philadelphia, Safeguards Branch 80/01/23 1p

8003040170 Summary of 800115 & 16 meetings w/B&W & Westinghouse in Apollo, PA & Cheswick, PA respectively re vendor problems in disposing of low level radwaste  
BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 80/02/14, 3pp

8003250230 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
GRIER, B H Region 1, Philadelphia, Office of the Director 80/03/14 1p

DOCKET 70-1181 WESTINGHOUSE ELECTRIC CORP.

8003050161 "Effluent Monitoring Rept - 790101-0630"  
GODWIN, W L Westinghouse Electric Corp 79/08/06 1p

8003250407 Submits info re const & use of new bldg for production of deionized water & for 10,000-gallon tank for storage of deionized water No license amend necessary since no radioactive matls will be used in bldg  
REITLER, E K Westinghouse Electric Corp 80/01/29 3pp

8003070306 Forwards IL Insp Rept 70-1151/80-07 on 800211-15 No noncompliance noted Insp Rept withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/27 1p

--8003070309 IE Insp Rept 70-1151/80-07 on 800211-15 No noncompliance noted Major areas inspected records & repts Withheld (ref 10CFR2 790)  
HODGES, J W GILLESPIE, F P Region 2, Atlanta, Safeguards Branch 80/02/25 1p

8003240553 Forwards IE Insp Rept 70-1151/80-04 on 800211-15 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/03/03 2pp

--8003240556 IE Insp Rept 70-1151/80-04 on 800211-15 No noncompliance noted Major areas inspected facility organization, operation & mgt of matls control sys Details withheld (ref 10CFR2 790)  
CLAY, E L, GILLESPIE, F P Region 2, Atlanta, Office of the Director 80/03/03 1p

8003240259 Ack receipt of NRC 800227 ltr re safeguards insp conducted on 800211-15  
FOSTER, H Westinghouse Electric Corp 80/03/06 1p

8003250523 Forwards IF Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications Including Fire Protection Sys" No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

DOCKET 70-1159 GENERAL ELECTRIC CO

8003060256 Requests amend to license extending expiration date from 800430 to 830701  
WILSON, B D General Electric Co 80/02/06 1p

DOCKET 70-1173 MERCYHURST COLLEGE

8003180179 PHD-II-80-028 on 800219, criticality warning sys experienced false alarm Fuel mfg bldg evacuated No abnormal radiation levels existed  
STEELE, P W, WAHLE, J B Region 2, Atlanta, Office of the Director 80/02/19 1p

DOCKET 70-1193 CUMMINGTON FACILITY, KERR-MCGEE CORP

8003140001 Forwards termination plans, Parts 4-6, for License SNM-1174  
SHELLEY, W J Kerr-McGee Nuclear Corp 80/01/08 1p

--8003140002 Termination plans, Parts 4-6  
\* Kerr-McGee Nuclear Corp 80/01/08 15pp

8003310271 Forwards "Radioactivity in Gaseous Effluent, June-Dec 1979"  
SHELLEY, W J Kerr-McGee Nuclear Corp 80/02/07 1p

--8003310274 "Radioactivity in Gaseous Effluent, June-Dec 1979"  
\* Kerr-McGee Nuclear Corp 80/02/07 2pp

DOCKET 70-1201 UF-6 CONVERSION FACILITY, BABCOCK & WILCOX CO

8003040109 Forwards IE Insp Rept 70-1201/79-15 on 791210-14 & notice of violation  
STOHR, J P Region 2, Atlanta, Fuel Facility & Materials Safety Branch 80/01/21 2pp

--8003040113 Notice of violation from insp on 791210-14  
\* Region 2, Atlanta, Office of the Director 80/01/11 1p

--8003040118 IF Insp Rept 70-1201/79-15 on 791210-14 Noncompliance noted failure to resample based on bioassay result  
MILLSAP, W J, GIBSON, A F Region 2, Atlanta, Office of the Director 80/01/11 7pp

8003190848 Forwards IE Insp Rept 70-1201/80-03 on 800121-24 No noncompliance noted Details withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/02/11 2pp

## DOCKETED ITEMS

--8003190854 IE Insp Rept 70-1201/80-03 on 800121-24 No noncompliance noted Major areas inspected facilities organization, records & repts Details withheld (ref 10CFR2 790)  
GILLESPIE, F P, HODGES, J W, CATANIA, J V Region 2, Atlanta, Safeguards Branch 80/02/10 1p

8003280239 Adds License Condition 6.5 to Amend MPP-2 to License SNM-1168 re exemption from requirement to complete NRC-741 for transfer of contaminated clothing to laundry facility  
PARTLOW, J G Material Control Licensing Branch 80/03/05 1p

8003295058 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications including Fire Protection Sys " No action or written response required  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

#### DOCKET 70-1257 MIXED OXIDE FABRICATION PLANT, EXXON NUCLEAR CO, INC

8003050144 Provides addl info re NRC natural phenomena review of facility in response to 790702 ltr NRC hopes natural phenomena studies provide rationale leading to acceptable natural phenomena recurrence interval design basis  
AYER, J E, BURKHARDT, W Advanced Fuel & Spent Fuel Licensing Branch 79/08/15 1p

8003050180 Application for amend to License SNM-1227 to authorize use of onsite contaminated laundry facility for evaluation of sys adequacy Facility will operate as U contamination control area Fee encl  
ESTEY, H P Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/08/27 2pp

8003190315 Forwards suppl info re planned laundry facility for NRC review of 790827 license amend application Solid wastes in filters will be monitored for U content & evaluated from criticality control standpoint Info re solvent data encl  
NECHODOB, W B Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/09/19 6pp

--8003190317 "Toxicity Studies W/1,1,2-Trichloro-1,2,2-Trifluoroethane " \* E I du Pont de Nemours & Co, Inc 79/09/19 31pp

8003040059 Forwards XH-12 "Nuclear Matls Safeguards Procedures Description for Fuel Fabrication Plants " Encl withheld (ref 10CFR2 790)  
NILSON, R Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/10/05 1p

8003050025 Submits discussion of 790827 application request for temporary installation of commercial laundry to test cleaning of contaminated clothing onsite Results will be used to modify safeguards plan & internal procedures  
NILSON, R Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/10/15 2pp

8003050027 Submits suppl info to 791019 ltr re commercial laundry to clean contaminated clothing onsite Test program will be from six months to yr Max amount of SNM involved will not exceed 10 kg of low enriched U  
NILSON, R Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/10/26 1p

8003050031 Application for amend to License SNM-1227 to increase possession limit of Pu to 125 kg w/at least 115 kg in encapsulated form Pu will be used to assemble four mixed oxide fuel elements  
ESTEY, H P Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/10/22 2pp

8003130670 Submits info describing facilities at Horn Rapids Fuel Fabrication plant, including info re o/c bldg complex addition, new process chemical waste storage lagoon & tool examination facility  
ESTEY, H P Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/11/12 4pp

8003130704 Notifies of schedule date changes for submittal of response to final questions re renewal of License SNM-1227, due to unavailability of Richland facilities manager Responses not available until Jan  
BROWN, C O Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/01/08 1p

8003040297 Approves Addendum 1 to physical plant protection plan w/ addition of License Conditions 9.3.3, 9.3.3 A, 9.3.3 B, 9.3.3 C, 9.3.3 D & 9.3.3 E Notifies that 791114 ltr & encl withheld (ref 10CFR2 790)  
MCCORKLE, O W Physical Security Licensing Branch 80/01/11 2pp

8003040713 Forwards comments & request for addl info for amend of License SNM-1227 re fire barriers, max resin loading & use of temp controls on ion exchange column feed streams  
STEVENSON, R L Uranium Fuel Licensing Branch 80/01/24 2pp

8003100127 Forwards "Calculation of Particulate Dispersion in Design-Basis Tornadoic Storm, from Exxon Nuclear Co, Richland, WA," endorsed by NRC Endorsement challenges will be considered when supported by credible technical bases  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/06 1p

--8003100130 "Calculation of Particulate Dispersion in Design-Basis Tornadoic Storm from Exxon Nuclear Co, Richland, WA " PEPPER, D W E I du Pont de Nemours & Co, Inc DP-1544 78/07/31 27pp

8003050186 Forwards IE Insp Rept 70-1257/80-01 on 800114-18 No noncompliance noted Encl withheld (ref 10CFR2 790)  
NORDERHAUO, L R Region 5, San Francisco, Safeguards Branch 80/02/20 2pp

8003200032 Forwards response to NRC comments & questions re license amend Application 18 Normal operating temp range for conversion process waste stream is between ambient temp & 100 F Ion exchange columns are plastic  
ESTEY, H P Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/21 12pp

--8003200037 Amended sections to License SNM-1227 Amend Application 18, reflecting NRC 800124 questions & comments  
\* Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/18 6pp

--8003200043 Forwards responses to NRC 791210 questions re license renewal application Licensee conducts own internal health physics technician certification program Technicians must meet min qualifications & pass format examination  
ESTEY, H P Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/22 32pp

--8003200049 "Summary (1977-1979), Occupational Radiation Exposures " \* Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/29 17pp

--8003200055 Application for renewal of License SNM-1227 to receive, possess, use & transfer SNM  
\* Exxon Nuclear Co, Inc (subs of Exxon Corp) 79/04/30 230pp

8003250423 Ack receipt of 791220 ltr re minor change in physical security plan Change is consistent w/code requirements thus acceptable as interim change to security plan NRC has determined that ltr contains 10CFR2 790 info  
MCCORKLE, O W Physical Security Licensing Branch 80/03/06 1p

8003270189 Forwards increment of analysis of effects of natural phenomena on Pu fabrication operations Increment of analysis considers environ character around plant NRC has adopted analysis for application in future analyses  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/03/13 28pp

8003250143 Forwards IE Info Notice 80-11, "Generic Problems W/ASCO Valves in Nuclear Applications including Fire Protection Sys " No action or written response required  
ENGELKEN, R H Region 5, San Francisco, Office of the Director 80/03/14 1p

#### DOCKET 70-1308 MORRIS OPERATIONS, GENERAL ELECTRIC CO

8003050080 Forwards NEDS-14507, Revision C, "Physical Security Plan - Morris Operation " Encl withheld (ref 10CFR2 790)  
DAWSON, D M General Electric Co 79/08/13 1p

8003050090 Forwards responses to NRC 790618 comments re security personnel training & qualification plan Proposed NEDS-14507, Revision C, "Physical Security Plan - Morris Operation" encl Encls withheld (ref 10CFR2 790)  
DAWSON, D M General Electric Co 79/08/15 1p

8003050071 Advises that NDE-21894, "Radiological Emergency Plan for Morris Operation" will be in effect beginning 790901 Existing emergency plan, NEDS-14506, will remain in effect for nonradiological emergency situations  
DAWSON, D M General Electric Co 79/08/22

# DOCKETED ITEMS

329

8003060241 Discusses statements in 790718 revised safeguards contingency plans that do not contribute to plan objectives. Plan misses intent of requirements re positive guard actions. Requests submittal of plan.  
MCCORMACKLE, G W Physical Security Licensing Branch 79/08/30 1p

8003040073 Forwards change to NEDS-14507, Revision C, "Physical Security Plan - Morris Operation". Plan does not decrease effectiveness of physical security plan & thus not forwarded for advance approval. Encl withheld (ref 10CFR2 790).  
DAWSON, D M General Electric Co 79/08/31 1p

8003050075 Forwards table re status of fuel stored at facility. Table reflects no change from Jul-Aug 1979 status.  
DAWSON, D M General Electric Co 79/09/04 2pp

8003190960 Notification of 791004 meeting w/GE in Silver Spring, MD to discuss possible add'l pump room work at facility.  
EHPSON, F M Advanced Fuel & Spent Fuel Licensing Branch 79/09/25 1p

8003040074 Forwards implementation plan for security personnel training schedules. Supplement info contained in 790815 App B to NEDS-1407, Revision C3. Encl withheld (ref 10CFR2 790).  
DAWSON, D M General Electric Co 79/10/01 1p

8003040067 Forwards revised App A, NEDS-14507 Revision C2, "Physical Security Plan - Morris Operation," in response to NRC 790830 1st Encl withheld (ref 10CFR2 790).  
DAWSON, D M General Electric Co 79/10/02 1p.

8003050083 Forwards table re status of fuel stored at facility. Table reflects no change from Sept-Oct 1979 status.  
DAWSON, D M General Electric Co 79/11/02 2pp

8003040083 Forwards response to NRC 791114 request for advanced copy of revised Table 7-3, reflecting radiological monitoring program in NEDD-21326, Revision C1.  
DAWSON, D M General Electric Co 79/11/15 2pp

8003060153 Requests add'l info re availability of funds for decommissioning. Operating expenses should be provided on annual basis for 1973-1978 Certificate of Svc encl.  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 79/11/20 2pp

8003130665 Requests that name be placed on mailing list for GE spent fuel storage plant license renewal hearings scheduled for 800227 & future hearings.  
HENNESSEY, G Affiliation Unknown 80/02/15 1p

8003260082 Requests to make limited appearance at precensing hearing on 800229.  
BERO, B Affiliation Unknown 80/02/15 1p

8003250169 Notice of appearance in proceeding re consideration of License SNM-1265 renewal Certificate of Svc encl.  
FIRESTONE, E A General Electric Co 80/02/22 2pp

8003250566 Response in opposition to State of IL motion to dismiss & stay proceeding. Atomic Energy Act authorizes NRC to regulate & license SNM transfer & possession. NRC rulemaking does not warrant stay Certificate of Svc encl.  
SZWAJKOWSKI, R, ROONEY, M A General Electric Co \* Mayer, Brown & Platt 80/02/27 11pp

8003040709 Statement of position supporting State of IL Contentions 6 (a), (b), (i)-(iii), 7(b) & 8, rejecting IL Contentions 1, 2, 3, 4, 5, 6 (c) (iv), 7 (a), 9 & 10 accepting preamble of Contention 11. Urges deferral of EIS issue.  
ROTHSCHILD, M U Hearing Branch 1 80/02/28 29pp

--8003040716 Response in opposition to State of IL 800214 motion to dismiss proceeding & 800215 motion to stay proceeding. Contrary to IL claim, Atomic Energy Act & 10CFR30 contain provisions covering issue Certificate of Svc encl.  
ROTHSCHILD, M U Hearing Branch 1 80/02/28 17pp

8003240255 Requests add'l info re need for continued operation, alternatives considered, GA & decay period for receipt of fuel. Info needed re continuing review of 790227 application for renewal of license.  
ROUSE, L C Advanced Fuel & Spent Fuel Licensing Branch 80/02/28 3pp

8003110294 Transcript of 800229 prehearing conference in Morris, IL. Pp 1-164.  
GOODHOPE, A C Atomic Safety and Licensing Board Panel. 80/02/29 165pp.

8003310001 Statement of position re State of IL 800214 amended contentions. Alleges irrelevancy due to reliance on Part 50 which is not applicable to spent fuel storage facility. Urges ASLB to strike all amended contentions w/Certificate of Svc.  
SZWAJKOWSKI, R, ROONEY, M A General Electric Co 80/02/29 18pp

8003200057 Notifies of fee refund re 781015 request to amend certain conditions of License SNM-1265. No licensing action taken on reviewing request. Request has been considered closed.  
WEISS, D License Fee Management Branch 80/03/03 1p

8003280076 Requests to have name put on mailing list re Morris, IL nuclear dumping site.  
HILJAC, D Affiliation Unknown 80/03/06 1p

8003270069 Forwards NUREG-U386 Suppl 1 to Digest 2, in response to 800307 request. Contains digest of selected decisions issued 780401-0930 interpreting Commission rules w/c encl.  
TREBY, S A Hearing Branch 1 80/03/11 1p

8003310488 Requests addition of EJ Guigley name to svc list.  
GUIGLEY, E J Affiliation Unknown 80/03/15 1p

## DOCKET 70-1319 U S NUCLEAR INC

8003060044 Forwards "Confirmatory Survey of US Nuclear, Inc." final rept.  
BIBB, W R Energy, Dept of FIN A-9087 80/01/10 1p

--8003060048 "Confirmatory Survey of US Nuclear, Inc." Final rept.  
BENT, C, BERGER, J V Energy, Dept of FIN A-9087 79/12/31 150pp

8003250522 Forwards IE Info Notice 80-11, "Generic Problems w/ASCO Valves in Nuclear Applications Including Fire Protection Sys." No action or written response required.  
O'REILLY, J P Region 2, Atlanta, Office of the Director 80/03/14 1p

## DOCKET 70-1358 INTERIOR, DEPT OF, US GEOLOGICAL SURVEY

8003240536 Supplements 791005 response to IE Bulletin 79-19, "Packaging of Low Level Radwaste for Transport & Burial." Activities re License SNM-1330 included in plan of action & personnel required to attend training sessions.  
TANNER, A B Interior, Dept of, Geological Survey 80/01/28 1p

## DOCKET 70-1703 EASTMAN KODAK CO

8003190738 Forwards annual statistical summary rept re radiation exposure of workers involved w/matls possessed under License SNM-1513 for 1978. Summary for 1979 will be forwarded before 800331.  
HARTER, E S Eastman Kodak Co 80/01/03 1pp

## DOCKET 70-1738 PACIFIC GAS & ELECTRIC CO

8003250170 Forwards application for amend to License SNM-1503 re procedure for storing neutron sources once spent fuel pool is drained.  
CRANE, P A Pacific Gas & Electric Co 80/01/08 1p

--8003250175 Application for amend to License SNM-1503 re procedure for storing neutron sources once spent fuel pool is drained. Description of procedure encl.  
SHACKELFORD, B, CRANE, P A Pacific Gas & Electric Co 80/01/08 3pp

## DOCKET 70-1739 TRI-STATE MOTOR TRANSIT CO

8003050087 Requests mod of proposed method for immobilizing vehicles transporting spent fuel by deleting capability of procedural override. Intent of NUREG-0561 was that immobilization be procedurally irreversible to relieve driver from future.  
MCCORMACKLE, G W Physical Security Licensing Branch 79/10/22 1p.

8003280600 Notifies that Category 13 fee is required for review of immobilizing tri-state vehicles transporting spent fuel sys & emergency shutdown sequence. Fee invoice forthcoming.  
MILLER, W O License Fee Management Branch 80/03/17, 1p.

## DOCKETED ITEMS

## DOCKET 70-2317 TELEDYNE CAST PRODUCTS

8003050168 Certificate of disposition of matls matls have been transferred to ERDA, c/o BT Kraemer of Union Carbide Corp, Nuclear Div, Paducah, KY which has license exempted under direct contract w/DOE  
BOSSING, E N Teledyne Cast Products 80/01/15 2pp

## DOCKET 70-2322 EDLOW INTERNATIONAL CO

8003310211 Supplements 800118 ltr re shipment of irradiated MTR fuel shipment originating in Sweden & due to arrive in Portsmouth, VA approx 800208 If vessel arrives on schedule, delivery to DOE in Aiken, SC will be on 800209  
RAVENSCROFT, N Edlow International Co 80/02/04 2pp

8003280628 Forwards IF Insp Rept 70-2322/80-01 on 800209-10 & 19-20 No noncompliance noted Details withheld (ref 10CFR2 790)  
KENNA, W B Region 2, Atlanta, Office of the Director 80/02/29 1p

--8003280633 IE Insp Rept 70-2322/80-01 on 800209-10 & 19-20 No noncompliance noted Major areas inspected security of irradiated fuel shipments in transit Details withheld (ref 10CFR2 790)  
TOBIN, W J Region 2, Atlanta, Safeguards Branch HOWELL, J C  
TILLMAN, A Region 2, Atlanta, Office of the Director 80/02/28 1p

## DOCKET 70-2376 PURDUE UNIV

8003250412 Forwards revised security plan Plan withheld (ref 10CFR2 790)  
STANSBERRY, E R Purdue Univ 80/03/19 1p

## DOCKET 70-2443 TENNESSEE VALLEY AUTHORITY

8003060214 Authorizes amend to license SNM-1716 extending CPR-72 expiration date to 801231 or upon conversion to DL  
CROW, W T Uranium Fuel Licensing Branch 79/12/21 1p

## DOCKET 70-2478 TRANSNUCLEAR, INC

8003030267 Confirms 800108 telcon re License ISNM-1498, Condition 5 Matls safeguards amend classification encl  
STONEBURNER, W Transnuclear, Inc 80/01/10 2pp

8003310246 Confirms 800207 telcon notifying NRC of import license as required in Condition 5 of encl License ISNM-0169B  
STONEBURNER, W Transnuclear, Inc 80/02/08 1p

## DOCKET 70-2479 TRANSNUCLEAR, INC

8003310384 Forwards IE Insp Rept 70-2479/80-01 on 800104 & 07-08 No noncompliance noted  
KENNA, W B Region 2, Atlanta, Safeguards Branch 80/01/21 1p

--8003310389 IE Insp Rept 70-2479/80-01 on 800104 & 07-08 No noncompliance noted Major areas inspected procedures & requirements for irradiated fuel in transit Details withheld (ref 10CFR2 790)  
TOBIN, W J Region 2, Atlanta, Safeguards Branch HOWELL, J C  
MOORE, D E Region 2, Atlanta, Office of the Director 80/01/18 1p

## DOCKET 70-2539 MITSUBILINE TRAVEL SERVICE OF AMERICA, INC

8003060253 Submits application to amend license to export, extending expiration date to max  
PANAZAK, M. Mitsubiline Travel Service of America, Inc 79/12/21 1p

## DOCKET 70-2623 MCOUIRE SPENT FUEL POOL, DUKE POWER CO.

8003050021 Application for extension until 811231 for License SNM-1773 Expiration date should continue to be dissociated from facility DL due to pending 780309 amend application re spent fuel transfer  
PARKER, W D, Duke Power Co 79/11/07 1p

8003050176 Requests extension of License SNM-1773 to 811231 Expiration date of license should be dissociated from facility DL due to 780309 pending amend re transfer of spent fuel  
PARKER, W D Duke Power Co 79/11/07 1p

8003050165 Forwards SB Hager affidavit in response to ASLB 791031 order responding to Carolina Environ Study Group petition & requesting numerical analyses re radioactive emissions to public & employees  
PORTER, W L Duke Power Co 80/02/12 1p

--8003050172 Affidavit in response to ASLB 791031 order Contains numerical analyses re structural & radiological consequences of hypothetical cask drop & criticality analysis of same Certificate of Svc encl  
HAGER, S B Consumers Power Co 80/02/11 7pp

8003070167 Order denying /90707 petition for review & request for protective order re spent fuel shipment alternative routes Commission /90707 protective order terminated Non disclosure signatories released from responsibilities under affidavits  
CHILK, S J Office of the Secretary of the Commission 80/02/29 3pp

8003250419 Notifies that requirement contained in NRC 790803 & 15 ltr re withholding identification of specific approved spent fuel routes is rescinded Commission 800229 order in response to NRC petition, reversed previous policy  
MCCERKLE, O W Physical Security Licensing Branch 80/03/04 1p

8003190334 Forwards affidavit of nondisclosure for execution Confirms 800325 meeting in Charlotte, NC re safeguarding spent fuel in transit  
HOEFLING, R K Hearing Branch 4 80/03/07 3pp

8003250338 Responds to 800305 telcon requesting criteria of high population density "Physical Protection of Shipments of Irradiated Reactor Fuel, Interim Guidance," (NUREG-0561), is applied as interim safeguards criteria  
KETCHEN, C G Hearing Branch 4 80/03/14 1p

## DOCKET 70-2718 VIRGINIA ELECTRIC POWER CO

8003040664 Forwards application for renewal of amended License SNM-1801, extending expiration date until 800120 & deleting Condition 17 re storage of new Unit 2 fuel  
STALLINGS, C M Virginia Electric & Power Co. 79/10/16 1p

--8003040682 Application for renewal & amend of License SNM-1801 extending expiration date until 801201, or until conversion of CPR-78 to DL & deleting Condition 17 re storage of new Unit 2 fuel Replacement pages encl  
STALLINGS, C M Virginia Electric & Power Co 79/10/16 7pp

8003250319 Submits Amend 3 to License SNM-1801, deleting Items 15 & 17 changing expiration date to 801231 or to date of conversion to DL & adding conditions  
CROW, W T Uranium Fuel Licensing Branch 79/12/28 1p

--8003250320 Safety evaluation supporting Amend 3 to License SNM-1801  
DELANEY, J C, Uranium Fuel Licensing Branch 79/12/28 2pp

8003250134 Deletes Items 15 & 17 of License SNM-1801 Amends Items 4 & 9 to extend expiration date to 801231 or upon CP conversion to DL Amend 3 also authorizes fuel use, w/exception of dry storage of fuel in spent fuel pool  
CROW, W T Uranium Recovery Licensing Branch 79/12/28 1p

--8003280140 Recommends issuance of license amend requested in util 791016 application  
DELANEY, J C, CROW, W T Uranium Recovery Licensing Branch, 79/12/28 2pp

## DOCKET 70-2805 NISSHO-IWAI AMERICAN CORP

8003240272 Executive Branch position re Nissho-Iwai American Corp application for license to export 39 186 kg U-235, contained in 42 kg U hexafluoride enriched to 93.3%, to Japan License should be granted Ltr of assurance encl  
NOSENZ, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/29 6pp

# DOCKETED ITEMS

331

## DOCKET 70-2838 CINCINNATI GAS & ELECTRIC CO

8003130158 Lists actions outlined in NRC 790807 ltr re receipt of reactor fuel under License SNM-1823 which have been completed. Water hoses on reactor bldg refueling floor are valved off & safety tagged. Emergency drill completed. BORGMANN, E A Cincinnati Gas & Electric Co 79/08/14 2pp

## DOCKET 70-2842 TRANSNUCLEAR, INC

8003110162 Forwards IC Insp Rept 70-2842/79-01 on 790914 No noncompliance noted Insp rept withheld (ref 10CFR2 790) MARTIN, W G Region 1, Philadelphia, Safeguards Branch 80/01/03 1p

--8003110171 IC Insp Rept 70-2842/79-01 on 790914 No noncompliance noted Major areas inspected shipping containers, tamper safing & shipping documents Rept withheld (ref 10CFR2 790) MARTIN, W G Region 1, Philadelphia, Safeguards Branch BAILEY, R J, DEVLIN, J W Region 1, Philadelphia, Office of the Director 80/01/02 1p

8003070310 Forwards IF Insp Rept 70-2842/80-01 on 800204-05 No noncompliance noted Insp rept withheld (ref 10CFR2 790) KENNA, W B Region 2, Atlanta, Office of the Director 80/02/28 2pp

--8003070314 IC Insp Rept 70-2842/80-01 on 800204-05 No noncompliance noted Major areas inspected review of physical security measures & continual surveillance of protected export shipment of SNM in transit Withheld (ref 10CFR2 790) BESECKER, K H Region 2, Atlanta, Office of the Director TOBIN, W J Region 2, Atlanta, Safeguards Branch 80/02/28 1p

## DOCKET 70-2882 SOUTHERN CALIFORNIA EDISON CO

8003250325 Submits Amend 1 License SNM-1844 authorizing 35 g of U-235 at any enrichment PAGE, R G Uranium Fuel Licensing Branch 80/01/28 1p

--8003250327 Safety evaluation supporting Amend 1 to License SNM-1844 DELANEY, J C Uranium Fuel Licensing Branch 80/01/28 2pp

## DOCKET 70-2910 TENNESSEE VALLEY AUTHORITY

8003140019 Forwards License SNM-1861 authorizing receipt, possession, insp & storage of U enriched in U-235 isotope contained in 130 fuel assemblies & 100 loose fuel rods Safety evaluation encl CROW, W T Uranium Fuel Licensing Branch 79/09/05 2pp

--8003140023 License SNM-1861 authorizing receipt, possession insp & storage of U enriched in U-235 isotope contained in 130 fuel assemblies & 100 loose fuel rods CROW, W T Uranium Fuel Licensing Branch 79/09/05 1p

8003140027 Safety evaluation supporting util 790608 application & 790817 suppl for License SNM-1861 DELANEY, J C, CROW, W T Uranium Fuel Licensing Branch 79/09/05 2pp

## DOCKET 70-2917 TENNESSEE VALLEY AUTHORITY

8003050299 Forwards application for SNM license authorizing receipt, possession & storage of assembled fuel assemblies & up to 100 loose fuel rods Portions withheld (ref 10CFR2 790) MILLS, L M Tennessee Valley Authority 79/08/31 2pp

--8003050307 Application for SNM license authorizing receipt, possession & storage of assembled fuel assemblies & up to 100 loose fuel rods Portions withheld (ref 10CFR2 790) \* Tennessee Valley Authority 79/08/31 14pp

8003310267 Forwards Revised Section 1 2 5 "Access Control" of 790831 license application containing addl info requested in 791228 telcon Rept describing access, control & security of fuel encl Encls withheld (ref 10CFR2 790) MILLS, L M Tennessee Valley Authority 80/01/08 1p

8003120461 Forwards Matl License SNM-1865 authorizing receipt, possession, insp & storage of U SER encl PAGE, R G Division of Fuel Cycle & Material Safety 80/01/30 2pp

--8003120465 SER supporting matl license for receipt, possession, insp & storage of U DELANEY, J C, CROW, W T Division of Fuel Cycle & Material Safety 80/01/30 2pp

--8003120469 Matl license SNM-1865 for TVA, authorizing receipt, possession, insp & storage of U enriched in U-235 isotope PAGE, R G Division of Fuel Cycle & Material Safety 80/01/30 2pp

## PACKAGING OF RADIOACTIVE MATERIAL FOR TRANSPORT AND TRANSPORTATION OF RADIOACTIVE MATERIAL UNDER CERTAIN CONDITIONS

### DOCKET 71-0005 MACNAFLUX CORP

8003250081 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl 790813 request W/o encl MACDONALD, C E Transportation Branch 80/03/04 1p

### DOCKET 71-0009 ISOMEDIX, INC

8003250072 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790730 request W/o encl MACDONALD, C E Transportation Branch 80/03/04 1p

### DOCKET 71-0024 HITTMAN NUCLEAR & DEVELOPMENT CORP

8003250112 Forwards QA program organizational chart & operating procedure for radiation safety program QA program is limited to Type B containers necessary for pacemaker battery & battery heat source shipments DISALVO, R Hittman Corp 80/02/26 5pp

--8003250115 Operating procedure OP-169 radiation safety program & responsibilities DISALVO, R Hittman Corp 80/02/26 2pp

--8003250119 Operating procedure OP-168 QA program for use of DOT 6M drums in shipping special form Pu-238 DISALVO, R Hittman Corp 80/02/26 3pp

### DOCKET 71-0046 TELEDYNE ENERGY SYSTEMS

8003210048 Forwards QA plan for protective packaging div products, Revision A, in response to NRC 800123 request MCGREW, J W Teledyne Energy Systems 80/02/20 1p

--8003210050 QA plan for protective packaging div products, Revision A HALL, W C Teledyne Energy Systems 80/02/06 23pp

### DOCKET 71-0049 NAVY, DEPT OF

8003280122 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790927 request W/o encl MACDONALD, C E Transportation Branch 80/03/04 1p

### DOCKET 71-0084 HUICO, INC

8003240234 Ack receipt of 780905 ltr Considers 790608 QA program application withdrawn Vendor may not conduct transportation activities in non-agreement state due to noncompliance w/ 10CFR150.20 MACDONALD, C E Transportation Branch 80/03/11 1p

### DOCKET 71-0097 NONDESTRUCTIVE TESTING SERVICE

8003250084 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790803 request W/o encl MACDONALD, C E Transportation Branch 80/03/04 1p

## DOCKETED ITEMS

## DOCKET 71-0102 SOURCE PROD &amp; EQUIP CO, INC

8003250095 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790606 request W/o encl  
MACDONALD, C F Transportation Branch 80/03/04 1p

## DOCKET 71-0107 NAVY, DEPT OF

8003140461 Forwards New England Nuclear 800201 ltr in response to NRC 790813 ltr  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/04 1p

--8003140464 Submits info re nuclear package under 20CFR71 Will comply w/all Certificates QA programs & documents re use & maint of packaging Forwards New England Nuclear 800207 ltr re application for certificate of competent authority  
DUMAS, D O New England Nuclear Corp 80/02/01 21pp

## DOCKET 71-0165 NAVY, DEPT OF

8003280118 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790803 request W/o encl  
MACDONALD, C E Transportation Branch 80/03/05 1p

## DOCKET 71-0180 HARTFORD STEAM BOILER CO

8003250068 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790413 request W/o encl  
MACDONALD, C E Transportation Branch 80/03/04 1p

## DOCKET 71-0189 TOBB SHIPYARDS CORP

8003280095 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790605 request W/o encl  
MACDONALD, C E Transportation Branch 80/03/04 1p

## DOCKET 71-0230 BABCOCK &amp; WILCOX CO

8003240171 Forwards QA program for facility revised to include NRC 791101 comments  
OLSEN, A F Babcock & Wilcox Co 80/02/15 1p

--8003240176 QA program for facility  
\* Babcock & Wilcox Co 80/01/31 31pp

## DOCKET 71-0244 NL INDUSTRIES, INC

8003310044 Responds to NRC 790829 comments on QA program QA/QC manager of nuclear transportation div is responsible for establishing QA policies, goals & objectives Revised QA program encl  
DIXON, G H NL Industries, NL Nuclear Div 80/02/14 4pp

--8003310046 QA program, Revision 1  
\* NL Industries, NL Nuclear Div NLG-63 R1 80/02/14 26pp

## DOCKET 71-0250 TRANSNUCLEAR, INC

8003260096 Forwards QA program, Revision 2, consisting of revised pages & new App A. Revision incorporates addl info requested by NRC 800117 ltr  
GOLDMAN, K Transnuclear, Inc 80/02/14 1p

--8003260103 Revised pages to QA program for design, mfg, test, use, maint & repair of packagings for transport of radioactive matls, Revision 2  
\* Transnuclear, Inc 80/02/14 6pp

## DOCKET 71-0251 WESTINGHOUSE ELECTRIC CORP

8003250089 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 791009 request W/o encl  
MACDONALD, C E Transportation Branch 80/03/04 1p

## DOCKET 71-0252 DAYTON X-RAY CO

8003280103 Requests response to NRC questions re QA program for shipment of radioactive matl No response has been received to encl NRC 790705 request W/o encl  
MACDONALD, C E Transportation Branch 80/03/04 1p

## DOCKET 71-0258 NUCLEAR ENGINEERING CO, INC

8003130109 Ack receipt of NRC 800114 ltr transmitting QA program approval for Radioactive Matl Package 0258, Revision 0 Submits correct mailing address for communications re QA program  
EASON, C F Nuclear Engineering Co, Inc, (subs of Teledyne, Inc) 80/02/04 1p

## DOCKET 71-0273 NAVY, DEPT OF

8003060052 Responds to NRC 791108 request forwards USS HW Gilmore (AS16) Instruction 5100 13, "QA Program for Radiographic Operation"  
ALLEN, J E Navy, Dept of 79/12/26 7pp

--8003060056 USS HW Gilmore (AS16) Instruction 5100 13, "QA Program for Radiographic Operation"  
ALLEN, J E Navy, Dept of 79/12/21 4pp

## DOCKET 71-0348 MICHIGAN, UNIV OF

8003250093 Forwards response to NRC 800211 ltr re recommended revisions to QA program All 40 revisions incorporated into encl program  
KERR, W Michigan, Univ of 80/02/20 1p

--8003250100 Revised QA program  
\* Michigan, Univ of 80/02/29 16pp

8003050077 Forwards QA program approval for radioactive matl package  
MACDONALD, C E Transportation Branch 80/02/22 1p

--8003050081 QA program approval for radioactive matl package 0348, Revision 0  
MACDONALD, C E Transportation Branch 80/02/22 1p

## DOCKET 71-0359 PICK INSTRUMENT PRODUCTS CO, INC

8003200402 Forwards revised items requested in NRC 800201 ltr re acceptance criteria for transportation packages QA program, procurement, document control & corrective action  
PICKENS, F D Pick Instrument Products Co, Inc 80/02/22 2pp

8003280136 Forwards QA program approval for radioactive matl package  
MACDONALD, C E Transportation Branch 80/03/07 1p

--8003280165 QA program approval for radioactive matl package 0359, Revision 0  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-0360 NAVY, DEPT OF, USS YOSEMITE

8003240073 Forwards request for registration as user of Models 500-BU & 520  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/14 1p

--8003240076 Requests registration as user of Models 500-BU & 520  
VELAZQUEZ-SUAREZ Navy, Dept of 80/01/15 1p

# DOCKETED ITEMS

333

## DOCKET 71-0361 MODEL PAT-1, RAMSEY ENGINEERING CO

8003250280 Requests condition re air shipment of Pu safeguards samples be added to Certificate of Compliance 0361 for Model PAT-1 Safety analysis & summary of IAEA 791029-1101 meetings re lightweight air/transportable container encl  
MADSEN, M R , POPL, R B Sandia Laboratories 80/02/20 16pp

## DOCKET 71-0364 NAVAL NUCLEAR POWER UNIT PORT HUENEME, CA

8003310156 Forwards GA program for packing of radioactive mats for transport, superseding 791120 program  
GREEN, Q E Navy, Dept of 80/02/14 1p

--8003310158 GA program for packing of radioactive mats for transport  
GREEN, Q E Navy, Dept of 80/02/14 5pp

8003270509 Forwards GA program approval for radioactive matl package  
MACDONALD, C E Transportation Branch 80/03/07 1p

--8003270512 GA program approval for radioactive matl package 0364, Revision 0  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-0365 ARNOLD GREENE TESTING LABORATORIES, INC

8003190947 Forwards "GA Program for Shipping Radioactive Sealed Sources," revised procedures  
DITONDO, N Arnold Greene Testing Laboratories, Inc 80/02/01 1p

--8003190953 "GA Program for Shipping Radioactive Sealed Sources," revised procedures Includes organization chart  
GREEN, A Arnold Greene Testing Laboratories, Inc 80/02/01 4pp

## DOCKET 71-0372 BOEING CO

8003280129 Forwards revision of "GA program plan for industrial radiography, superseding 800114 submittal  
MORGAN, W E Boeing Co 80/03/05 1p

--8003280131 GA program plan for industrial radiography  
\* Boeing Co 80/03/05 7pp

## DOCKET 71-00373 NAVY, DEPT OF, NAVAL EXPLOSIVE ORDN DISPOSAL FACIL

8003280578 Forwards "GA Program for Ordnance Investigative Radiography"  
KENNEDY, J T Navy, Dept of 80/01/11 1p

--8003280610 "GA Program for Ordnance Investigative Radiography"  
\* Navy, Dept of 80/01/11 4pp

## DOCKET 71-0374 EAGLE INSPECTION, INC

8003310261 Forwards GA program implemented for License 35-17243-01  
STOUT, G A Eagle Inspection, Inc 80/02/08 1p

--8003310361 GA program  
\* Eagle Inspection, Inc 80/02/08 3pp

8003240091 Forwards GA program approval for radioactive matl package  
MACDONALD, C E Transportation Branch 80/03/07 1p

--8003240097 GA program approval for radioactive matl package 0374, Revision 0  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-0375 CALIFORNIA, UNIV OF

8003270058 Forwards GA program  
O'NEILL, R R , WEGST, W California, Univ of, Los Angeles 80/01/28 1p

--8003270063 GA program  
HOBSON, J W California, Univ of, Los Angeles 80/01/28 8pp

## DOCKET 71-0376 UNITED STATES PIPE & FOUNDRY CO

8003240179 Forwards GA program for handling & shipping radioactive matl  
BUYUKM, H C U S Pipe & Foundry Co 80/02/13 1p

--8003240185 GA program for handling & shipping radioactive matl  
\* U S Pipe & Foundry Co 80/02/13 4pp

8003240079 Forwards GA program approval for radioactive matl package  
MACDONALD, C E Transportation Branch 80/03/07 1p

--8003240086 GA program approval for radioactive matl package 0374, Revision 0  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-4824 MODEL HA-10, BASCOCK & WILCOX CO

8003280586 Notices of expiration of Certificate of Compliance 4824 for Model HA 10 To continue using package, should submit renewal application & fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

## DOCKET 71-4894 MODEL NPL-1-528, KERR-MCCOE NUCLEAR CORP

8003280591 Notices of expiration of Certificate of Compliance 4894 for Model NPL-1-528 To continue using package, should submit renewal application & fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

## DOCKET 71-4949 MODEL UNC-1484, COMBUSTION ENGINEERING CO, INC

8003060730 Requests registration as user of shipping container Model UNC-1484  
MICHEL, C J Nuclear Fuel Services, Inc (subs of Getty Oil Co) 80/01/23 1p

8003310428 Notification of registration as user of Model UNC-1484  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-5026 MODEL BC-4B-32u, ATCOR, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195-H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-B5  
WOOD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003250134 Notification of registration as user of Models LL-50-100, CNS1-14-195-H, CNS1-21-300, CNS 14-190, AL-32-90 & 6244 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-5086 MODEL UNC-2600, GENERAL ATOMIC CO

8003280113 Forwards request for info re 791220 application for amend for Model UNC-2600 Less detailed drawings needed for incorporation into Certificate of Compliance Drawings should be consistent w/packaging subjected to 30-ft drop test  
MACDONALD, C E Transportation Branch 80/03/04 2pp

## DOCKET 71-5364 MODEL NPL-67-0442 NEUTRON PRODUCTS, INC

8003210588 Notification of registration as user of Model NPL-67-0442 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-5450 MODEL RCC-1, -2, -3, WESTINGHOUSE ELECTRIC CORP

8003050115 Forwards Revision 7 to Certificate of Compliance 5450 for Models RCC-1, RCC-2 & RCC-3 packaging  
MACDONALD, C E Transportation Branch 80/02/14 2pp

--8003050125 Certificate of Compliance 5450, Revision 7, for Models RCC-1, RCC-2 & RCC-3 packaging  
MACDONALD, C E Transportation Branch 80/02/14 6pp



## DOCKETED ITEMS

## DOCKET 71-5507 MODEL HFIR SPENT FUEL ELEMENT SHIP CASK, ENERGY DEPT

8003250314 Forwards revised certificate of compliance, engineering evaluation & ORNL 790726 ltr providing technical support for SAR packaging revisions for Revision 7 to HFIR spent fuel shipping cask  
ROSS, D M Energy, Dept of 80/02/13 15pp

## DOCKET 71-5597 MODEL TUNGSTEN SHIELDED CASK, ENERGY DEPT OF

8003210205 Forwards certificate of compliance & engineering evaluation for tungsten-shielded cask. Also forwards "Safety Analysis Rept for Packaging ORNL Tungsten-Shielded Cask," Addendum 1  
ROSS, D M Energy, Dept of 80/02/13 6pp

--8003210227 "Safety Analysis Rept for Packaging ORNL Tungsten-Shielded Cask," Addendum 1  
EVANS, J H, MOURING, R W Oak Ridge National Laboratory  
ORNL/ENG/TM-3/A1 79/02/28 29p

## DOCKET 71-5796 MODEL 181361, PICKER CORPORATION

8003050069 Certificate of Compliance 5796, Revision 2, for Models 181375 & 181361 packaging  
MACDONALD, C E Transportation Branch 80/01/17 3pp

8003210204 Requests amend to IAEA Certificate of Competent Authority USA/5796/B & USA/9011/B changing certificate from 1967 to 1973 IAEA regulations. Forwards rept on compliance of overpack containers & certificate of compliance  
PENGOV, C A Picker Corp 80/01/22 11pp

--8003210207 Forwards Certificate of Compliance 9011, Revision 1, for Model E-MEH-00-00004  
MACDONALD, C E Transportation Branch 76/03/17 1p

--8003210210 Certificate of Compliance 9011, Revision 1, for Model E-MEH-00-00004 Rept on water spray test encl Oversize drawings in Central Files only  
MACDONALD, C E Transportation Branch 76/03/16 21pp

## DOCKET 71-5800 MODEL ORNL TRITIUM TARGET CONTAINER

8003310165 Denies 791112 application to DOT requesting approval of tritium target container as B(U) packaging due to incompleteness of application. Requests within 30 days appropriate info re application requirements  
MACDONALD, C E Transportation Branch 80/03/17 1p

## DOCKET 71-5908 MODEL BDT-GM TYPE B, BABCOCK &amp; WILCOX CO

8003240067 Requests that Certificate of Compliance 5908 be amended to ensure that Pu sources in excess of 20 Ci per package must be double encapsulated in metal capsule that meets special form criteria. Fee encl  
TAYLOR, R R Monsanto Research Corp 80/01/10 1p

## DOCKET 71-5926 MODEL 100, GENERAL ELECTRIC CO

8003200079 Requests renewal of Certificate of Compliance 5926 for shipping package Model 100 Consolidated application encl Drawings available in Central Files only  
CUNNINGHAM, G E General Electric Co 80/01/25 100pp

8003050233 Forwards Revision 4 to Certificate of Compliance 5926 for Model GE-100  
MACDONALD, C E Transportation Branch 80/02/20 2pp

--8003050235 Certificate of Compliance 5926, Revision 4, for Model GE-100  
MACDONALD, C E Transportation Branch 80/02/20 3pp

## DOCKET 71-5942 MODEL GE-700, GENERAL ELECTRIC CO

8003280668 Notices of expiration of Certificate of Compliance 5942 for Model GE-700 To continue using package, should submit consolidated application, drawings & renewal fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

## DOCKET 71-5984 MODEL 5984, J L SHEPHERD &amp; ASSOCIATES

8003130192 Forwards application for renewal of Certificate of Compliance 5984 for Model 5984 Renewal fee encl  
SHEPHERD, J L J L Shepherd & Associates, Inc 80/01/15 1p

--8003130198 Application for renewal of Certification of Compliance 5984  
\* J L Shepherd & Associates, Inc 80/01/15 30pp

## DOCKET 71-6144 MODEL 6144, NUCLEAR ENGINEERING CO

8003060074 Informs NRC of intent to ship radioactive matl in Chem-Nuclear Sys, Inc shipping cask CNS 15-1600 Requests registration of util as registered user  
CALHOUN, J R Tennessee Valley Authority 80/01/25 1p

8003140461 Forwards New England Nuclear 800201 ltr in response to NRC 790813 ltr  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/04 1p

--8003140464 Submits info re nuclear package, under 20CFR71 Will comply w/all Certificates QA programs & documents re use & maint of packaging Forwards New England Nuclear 800207 ltr re application for certificate of competent authority  
DUMAS, D D New England Nuclear Corp 80/02/01 21pp

8003210101 Notification of registration as user of Model B-2 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-6206 MODEL B, BABCOCK &amp; WILCOX CO

8003120371 Requests registration as user of Model B  
CALHOUN, J R Tennessee Valley Authority 80/02/07 1p

8003240111 Requests that Certificate of Compliance 6206 for Model B be released for five-yr period Forwards consolidated application including past applications & present suppl  
ZEPF, D W Babcock & Wilcox Co 80/02/27 2pp

--8003240113 Application for 5-yr renewal of Certificate of Compliance 6206 for Model B  
\* Babcock & Wilcox Co 80/02/27 82pp

8003210105 Notification of registration as user of Model B in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003280595 Forwards Revision 3 to Certificate of Compliance 6206 for Model B  
MACDONALD, C E Transportation Branch 80/03/14 2pp

--8003280598 Certificate of Compliance 6206, Revision 3, for Model B  
MACDONALD, C E Transportation Branch 80/03/14 2pp

## DOCKET 71-6244 MODEL 6244, CHEM-NUCLEAR SYSTEMS, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195 H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-85  
WOOD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003250134 Notification of registration as user of Models LL-50-100, CNS1-14-195-H, CNS1-21-300, CNS 14-190, AL-Q3-90 & 6244 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-6279 MODEL LL-28-4, CHEM-NUCLEAR SYSTEMS, INC

8003120377 Advises that info requested in NRC 800108 ltr will be forwarded by 800315,  
CORBETT, J B Chem-Nuclear Systems, Inc 80/01/28, 1p

of Compliance 593B  
850630 Fee

III Corp 3, 80/01/31

# DOCKETED ITEMS

335

## DOCKET 71-6294 MODEL UNC-2901, COMBUSTION ENGINEERING, INC

8003120361 Requests extension until 800430 for expiration date of Certificate of Compliance 6294 for Model UNC-2901 Addl time required to prepare consolidated application  
ESKRIDGE, H E C-E Power Systems 80/01/31 1p

## DOCKET 71-6375 MODEL PB-1, CHEM-NUCLEAR SYSTEMS, INC

8003190152 Requests extension until 800310 to respond to NRC 800108 request re changes in Drawing 9123-6PB-0001, Revision E & Drawing 00-000-552, Revision A  
CORBETT, J S Chem-Nuclear Systems, Inc 80/02/05 1p

## DOCKET 71-6387 MODFL 60, BATTELLE MEMORIAL INSTITUTE

8003080242 Forwards Revision 5 to Certificate of Compliance 6387 for Model 60  
MACDONALD, C E Transportation Branch 80/02/20 2pp

--8003050245 Certificate of Compliance 6387, Revision 5, for Model 60  
MACDONALD, C E Transportation Branch 80/02/20 5pp

## DOCKET 71-6400 MODEL SUPER TIGER, WESTINGHOUSE ELECTRIC CORP

8003060099 Responds to NRC 791226 ltr informing that Certificate of Compliance expires 800228 Westinghouse will apply for renewal Requests facility remain listed as registered user  
QADDIS, C K Energy, Dept of 80/01/18 1p

8003190560 Requests continuation as registered user of Model Super Tiger Marked-up Certificate of Compliance encl  
BAER, T S Nuclear Engineering Co, Inc, (subs of Teledyne, Inc) 80/01/25 1p

--8003190567 Marked-up Certificate of Compliance 6400, Revision 4 for Model Super Tiger  
\* Transportation Branch 80/01/25 1p

8003130001 Requests amend to Certificate of Compliance 6400 for Model Super Tiger extending expiration date until 800430 Fee encl  
DIPIAZZA, R P Westinghouse Electric Corp 80/01/30 1p

8003310448 Requests temporary authorization to ship Pu waste Provides conditions waste for waste shipments Authorization should remain in effect until 800331 Amend fee will be forwarded under separate cover  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div. 80/02/18 1p

--8003310454 Forwards amend fee for licensing action re temporary authorization to ship Pu waste  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 80/02/19, 1p

8003310407 Application for renewal of Certificate of Compliance 6400 for Model Super Tiger  
SEMEDIRA, C Neutron Products, Inc 80/02/19 1p

8003280141 Requests amend to Certificate of Compliance 6400 for Super Tiger overpack shipping container re treatment & packaging of hard waste, large equipment waste & solidified liquid waste Also requests withdrawal of 790914 application  
AUSTIN, M A Babcock & Wilcox Co 80/02/22 2pp

8003190966 Forwards Revision B to Certificate of Compliance 6400 for Model Super Tiger  
MACDONALD, C E Transportation Branch 80/02/29 4pp

--8003190971 Certificate of Compliance 6400, Revision B, for Model Super Tiger  
MACDONALD, C E Transportation Branch 80/02/29 6pp

8003280404 Amends Certificate of Compliance 6400 to include max of 25 drums of Pu-bearing waste packaged in accordance w/ statements & representations in 800218 ltr Matl included as addl contents in Model 6400 as Fissile Class III  
MACDONALD, C E Transportation Branch 80/03/03 1p

## DOCKET 71-6601 MODEL LL-50-100, CHEM-NUCLEAR SYSTEMS, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195 H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-85  
WODD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003250134 Notification of registration as user of Models LL-50-100, CNS1-14-195-H, CNS1-21-300, CNS 14-190, AL-33-90 & 6244 in response to request  
MCDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-6642 MODEL 4 5 TON CF, ENERGY, DEPT OF

8003070260 Informs that N29 has been deleted as user of all NRC approved package designs Approved QA program must be obtained prior to registration as package user or delivery of licensed matl to carrier  
MACDONALD, C E Transportation Branch 80/02/22 1p

## DOCKET 71-6679 MODEL 1/2 SUPER TIGER, NUCLEAR ENGINEERING CO

8003270129 Responds to NRC 800204 ltr Request is pending to terminate NRC license Registration as user will not be required  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/21 1p

## DOCKET 71-6697 MODEL B500 PKG, GENERAL ELECTRIC CO

8003050222 Forwards Revision 6 to Certificate of Compliance 6697 for Model GE-B500  
MACDONALD, C E Transportation Branch 80/02/21 2pp

--8003050227 Certificate of Compliance 6697, Revision 6, for Model GE-B500  
MACDONALD, C E Transportation Branch 80/02/21 3pp

## DOCKET 71-6717 MODEL 6717 D

8003240199 Requests registration as user of model C-10  
O'BRIEN, R Daniel International, Daniel Const Co Div 80/02/13 1p

8003240372 Notification of registration as user of Models 500-SU, 6717-B, 741 & 741C & 680 & 680E  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-6771 MODFL SN-1, NUCLEAR ENGINEERING CO

8003280583 Notifies of expiration of Certificate of Compliance 6771 for Model SN-1 To continue using package, should submit renewal application & fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

## DOCKET 71-7006 MODEL 500 SU, ARGONNE NATIONAL LABORATORY

8003240204 Requests registration as user of Model 500 SU  
O'BRIEN, R Daniel International, Daniel Const Co Div 80/02/13 1p

8003270129 Responds to NRC 800204 ltr Request is pending to terminate NRC license Registration as user will not be required  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/21 1p

8003240372 Notification of registration as user of Models 500-SU, 6717-B, 741 & 741E & 680 & 680E  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-7007 MODEL 520, ARGONNE NATIONAL LABORATORY

8003240095 Requests registration as user of Model 520  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18 1p

8003270129 Responds to NRC 800204 ltr Request is pending to terminate NRC license Registration as user will not be required  
GROVES, K L Navy, Dept of, Naval Nuclear Power Unit 80/02/21 1p

## DOCKETED ITEMS

## DOCKET 71-9010 MODEL NLI-1/2, NL INDUSTRIES, INC

8003210591 Notification of registration as user of Model NLI-1/2 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9011 MODEL E-MEH-00-00004, TRANSPORTATION, DEPT OF

8003210204 Requests amend to IAEA Certificate of Competent Authority USA/5796/B & USA/9011/B, changing certificate from 1967 to 1973 IAEA regulations Forwards rept on compliance of overpack containers & certificate of compliance  
PENROV, C A Picker Corp 80/01/22 11pp

--8003210207 Forwards Certificate of Compliance 9011, Revision 1, for Model E-MEH-00-00004  
MACDONALD, C E Transportation Branch 76/03/17 1p

--8003210210 Certificate of Compliance 9011, Revision 1, for Model E-MEH-00-00004 Rept on water spray test encl Oversize drawings in Central Files only  
MACDONALD, C E Transportation Branch 76/03/16 21pp

## DOCKET 71-9019 MODEL BU-7, GENERAL ELECTRIC CO

8003280603 Forwards Revision 3 to Certificate of Compliance 9019 for Model BU-7  
MACDONALD, C E Transportation Branch 80/03/14 2pp

--8003280607 Certificate of Compliance 9019, Revision 3, for Model BU-7  
MACDONALD, C E Transportation Branch 80/03/14 4pp

## DOCKET 71-9020 MODEL SL-10-1, NUCLEAR CONTAINERS, INC

8003280646 Submits renewal fee for Revision 2 to Certificate of Compliance 9020 re Model SL-10-1 shipping package  
HOUSHOLDER, W R Nuclear Containers, Inc 80/03/13 1p

## DOCKET 71-9027 MODEL 741, TECHNICAL OPERATIONS, INC

8003240089 Requests registration as user of Models 741 & 741E  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18 1p

8003240149 Requests registration as user of Model 741  
O'BRIEN, R Daniel International, Daniel Const Co Div 80/02/18 1p

8003240372 Notification of registration as user of Models 500-BU, 6717-B, 741 & 741E & 680 & 680E  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9028 MODEL 684, TECHNICAL OPERATIONS, INC

8003250612 Requests continuation of registration as users of NRC Certificates of Compliance 9033 & 9028 for Technical Operations Models 660, 660E, 684 & 684E  
DALLINGER, J F General Dynamics Corp, Electric Boat Div 80/01/19 1p

8003060083 Requests renewal of registration for Certificates of Compliance 9032, Revision 2, 9035, Revision 4, 9028, Revision 3 & 9027, Revision 2 Requests deletion of HC Marion from NRC records  
KOVACS, B Foster Wheeler Corp 80/01/22 1p

## DOCKET 71-9032 MODEL 650, TECHNICAL OPERATIONS, INC

8003190775 Requests registration of Bettis Atomic Power Lab as user of Model 650 shipping container  
BEYER, R F Westinghouse Electric Corp 80/02/04 1p

8003240143 Requests registration as user of Models 650, 660, 660E & 680  
MAXSON, R D Navy, Dept of 80/02/11 1p

8003240082 Requests registration as user of Model 650  
RIDDLE, D H Nuclear Systems, Gamma Industries Div. 80/02/18 1p

8003250125 Notification of registration as user of Models CNSI-14-195-H, 650, 660, 660E, 680 & 680E in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003310443 Notification of registration as user of Model 650  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9033 MODEL 660 &amp; 660E, TECHNICAL OPERATIONS, INC

8003250612 Requests continuation of registration as users of NRC Certificates of Compliance 9033 & 9028 for Technical Operations Models 660, 660E, 684 & 684E  
DALLINGER, J F General Dynamics Corp, Electric Boat Div 80/01/19 1p

8003240143 Requests registration as user of Models 680, 660, 660E & 680  
MAXSON, R D Navy, Dept of 80/02/11 1p

8003240146 Requests registration as user of Models 660 & 660E  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18 1p

8003250125 Notification of registration as user of Models CNSI-14-195-H, 650, 660, 660E, 680 & 680E in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9035 MODEL 680, TECHNICAL OPERATIONS, INC

8003240068 Requests registration as user of Models 680 & 680E  
REMLEY, M E Rockwell International Corp 80/01/14 1p

8003240143 Requests registration as user of Models 650, 660, 660E & 680  
MAXSON, R D Navy, Dept of 80/02/11 1p

8003240155 Requests registration as user of Model 680  
O'BRIEN, R Daniel International, Daniel Const Co Div 80/02/14 1p

8003240372 Notification of registration as user of Models 500-BU, 6717-B, 741 & 741E & 680 & 680E  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003250125 Notification of registration as user of Models CNSI-14-195-H, 650, 660, 660E, 680 & 680E in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9036 MODEL C-1, SOURCE PRODUCTION EQUIPMENT CO

8003240302 Requests registration as user of Model C-1  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18, 1p

8003280659 Requests assistance in renewing Certificate of Compliance 9036 NRC 800303 ltr encl  
HENRY, M E Source Production & Equipment Co, Inc 80/02/26 1p

--8003280661 Forwards renewal procedure 10CFR170.31 for certificate of compliance in response to 800226 request for assistance  
WEISS, D License Fee Management Branch 80/03/05 1p

## DOCKET 71-9039 MODEL 715, TECHNICAL OPERATIONS, INC

8003280579 Notifies of expiration of Certificate of Compliance 9039 for Model 715 To continue using package, should submit renewal application & fee  
MACDONALD, C E Transportation Branch 80/03/17 1p

## DOCKET 71-9044 MODEL GE-1600, GENERAL ELECTRIC CO

8003280588 Notifies of expiration of Certificate of Compliance 9044 for Model GE-1600 To continue using package, should submit renewal application & fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

## DOCKET 71-9049 MODEL GE-500, GENERAL ELECTRIC CO

8003280217 Forwards upgraded versions of drawings listed in Certificate of Compliance 9049 Requests that Section 5 be amended Amend fee encl Drawings available in Central Files only  
CUNNINGHAM, O E General Electric Co 80/02/08 4pp

# DOCKETED ITEMS

337

DOCKET 71-9051 MODEL GE-1400, GENERAL ELECTRIC CO

8003310485 Notices of expiration of Certificate of Compliance 9051 for Model GE-1400 To continue using package, should submit consolidated application, drawings & renewal fee  
MACDONALD, C E Transportation Branch 80/03/14 1p

DOCKET 71-9056 MODEL SPEC 2-T, SOURCE PRODUCTION EQUIPMENT CO

8003240298 Requests registration as user of Model SPEC 2-T  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18 1p

DOCKET 71-9069 MODEL MD-1, WESTINGHOUSE ELECTRIC CORP

8003120367 Requests registration as user of Model MD-1  
AUSTIN, M A Babcock & Wilcox Co, Nuclear Material Div 80/02/05 1p

8003210580 Notification of registration as user of Model MD-1 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9070 MODEL N-55, ENERGY, DEPT OF

8003240317 Responds to 791113 ltr re registration for Model N-55 packaging Cannot register as user of package until approved QA program is developed Vendor ref to approved QA program is not acceptable  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9072 MODEL GAHC-1, GENERAL ATOMIC CO

8003120358 Requests extension until 850531 for expiration date of Certificate of Compliance 9072 for Model GAHC-1 Company anticipates continued need of package  
MOWRY, W R General Atomic Co (subs of Gulf Oil Co) 80/01/31 1p

DOCKET 71-9073 MODEL DH-142, NUCLEAR PACKAGING, INC

8003250105 Submits summary of revisions made to SAR for Model DH-142 Revisions provide refinement to previous analysis & demonstrate existence of larger positive safety margin Revisions have no adverse affect on integrity of package  
HAMBEN, L J Nuclear Packaging, Inc 80/02/18 3pp

DOCKET 71-9079 MODEL HN-100 SERIES 2, HITTMAN NUCLEAR & DEVELOPMENT

8003310248 Requests registration as user of Models HN-100 Series 1, HN-100 Series 2, HN-100S, HN-300 & HN-400  
MINECK, D L Iowa Electric Light & Power Co 80/03/04 1p

DOCKET 71-9080 MODEL HN-600, HITTMAN NUCLEAR & DEVELOPMENT CORP

8003210585 Notification of registration as user of Model HN-600 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9086 MODEL HN-100 SERIES 1, HITTMAN NUCLEAR & DEVELOPMENT

8003310248 Requests registration as user of Models HN-100 Series 1, HN-100 Series 2, HN-100S, HN-300 & HN-400  
MINECK, D L Iowa Electric Light & Power Co 80/03/04 1p.

8003270365 Forwards Revision 4 to Certificate of Compliance 9086 for Model HN-100, Series 1  
MACDONALD, C E Transportation Branch 80/03/17 3pp

--8003270366 Certificate of Compliance 9086, Revision 5, for Model HN-100  
MACDONALD, C E Transportation Branch 80/03/17 3pp

DOCKET 71-9089 MODEL HN-100 S, HITTMAN NUCLEAR & DEVELOPMENT CORP

8003310248 Requests registration as user of Models HN-100 Series 1, HN-100 Series 2, HN-100S, HN-300 & HN-400  
MINECK, D L Iowa Electric Light & Power Co 80/03/04 1p

DOCKET 71-9092 MODEL HN-300, HITTMAN NUCLEAR & DEVELOPMENT CORP

8003310248 Requests registration as user of Models HN-100 Series 1, HN-100 Series 2, HN-100S, HN-300 & HN-400  
MINECK, D L Iowa Electric Light & Power Co 80/03/04 1p

DOCKET 71-9093 MODEL HN-400, HITTMAN NUCLEAR & DEVELOPMENT CORP

8003310248 Requests registration as user of Models HN-100 Series 1, HN-100 Series 2, HN-100S, HN-300 & HN-400  
MINECK, D L Iowa Electric Light & Power Co 80/03/04 1p

DOCKET 71-9094 MODEL CNSI-14-195-H, CHEM-NUCLEAR SYSTEMS, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195 H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-85  
WOOD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003120364 Requests registration as user of Model CNSI-14-195-H  
WERLING, J A Duquesne Light Co 80/02/01 1p

8003190759 Requests registration as user of Model CNSI 14-195H radioactive waste shipping cask  
SMEDIRA, C Neutron Products, Inc 80/02/13 1p

8003210098 Notification of registration as user of Model CNSI-14-195-H in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003250125 Notification of registration as user of Models CNSI-14-195-H, 650, 660, 660, 680 & 680E in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003250134 Notification of registration as user of Models LL-50-100, CNSI-14-195-H, CNSI-21-300, CNS 14-190, AL-33-90 & 6244 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

8003310451 Notification of registration as user of Models CNSI-14-195-H  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9096 MODEL CNSI-21-300, CHEM-NUCLEAR SYSTEMS, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195 H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-85  
WOOD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003250134 Notification of registration as user of Models LL-50-100, CNSI-14-195-H, CNSI-21-300, CNS 14-190, AL-33-90 & 6244 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9108 MODEL AL-33-90, ATCUR, INC

8003120670 Requests registration as user of Models CNS-8-120, CNS 14-195 H, CNS 21-300, CNS 14-190, CNS 6-75 & CNS 4-85  
WOOD, W C Maine Yankee Atomic Power Co 80/01/30 1p

8003250134 Notification of registration as user of Models LL-50-100, CNSI-14-195-H, CNSI-21-300, CNS 14-190, AL-33-90 & 6244 in response to request  
MACDONALD, C E Transportation Branch 80/03/07 1p

DOCKET 71-9110 MODEL MX-1C-100, MAGNAFLUX CORP

8003240136 Requests registration as user of Model MX-1C-100  
RIDDLE, D H Nuclear Systems, Gamma Industries Div 80/02/18 1p

## DOCKETED ITEMS

## DOCKET 71-9111 MODEL CN6-BOA, CHEM-NUCLEAR, INC

8003310438 Notification of registration as user of Model CN6-BOA  
 MACDONALD, C E Transportation Branch 80/03/07 1p

## DOCKET 71-9120 MODEL TN-t2, TRANSNUCLEAR CORP

8003130400 Withdraws application for certificate of compliance for  
 Model TN-t2 Requirements for transport of spent fuel within  
 US have changed due to uncertainties re scheduling of  
 ultimate repository New cask will be designed  
 MACKLIN, L Transnuclear, Inc 80/02/04 1p

## DOCKET 71-9122 MODEL 18-450, CHEM-NUCLEAR SYSTEMS, INC

8003260191 Discusses possible unreviewed safety problem re Model 18-450  
 packaging, Certificate of Compliance 9122 Packaging is being  
 used for weights in excess of authorized levels Could result  
 in structural damages to NRC approved packaging design  
 MACDONALD, C E Transportation Branch 80/01/29 2pp

## DOCKET 71-9132 MODEL T-3, NUCLEAR PACKAGING, INC

8003130175 Forwards "Revision 3 to SAR for FFTF Fuel Pin Shipping Cask  
 Model T-3 " Revision depicts completely redesigned overpack  
 type impact limiter Redesign overpack enhances safety of  
 T-3 cask under side & oblique drop impacts  
 SIMCHUK, J D Nuclear Packaging, Inc 80/01/25 1p

--8003130179 "Revision 3 to SAR for FFTF Fuel Pin Shipping Cask Model  
 T-3 " Oversize drawing encl  
 \* Nuclear Packaging, Inc 80/01/25 56pp

## DOCKET 71-9135 MODEL CENTURY, GAMMA INDUSTRIES

8003110158 Ack telcon re tests on Models Century S, SA & Century  
 Universal S, SA Forwards Table 2 re dosage readings before &  
 after each test  
 RICHARDSON, H D Nuclear Systems, Gamma Industries Div 80/01/23  
 2pp

## DOCKET 71-9136 GENERAL ELECTRIC

8003200413 Responds to NRC 800104 request for addl info re 791214  
 application for certification of LSA shipping container  
 Full data package will be submitted by 800303 reflecting  
 use of slightly larger package than originally anticipated  
 CUNNINGHAM, G E General Electric Co 80/02/14 1p

## DOCKET 71-9137 MODEL 820

8003100230 Advises that Model 820, authorized by NRC Certificate of  
 Compliance 9137, meets requirements for Type B(U) packages  
 MACDONALD, C E Transportation Branch 80/02/15 1p

## DOCKET 71-9141 MODEL 900 TYPE B, TECHNICAL OPERATIONS, INC

8003140320 Application for certificate of compliance for Model 900 Type  
 B(U) Package "SAR, Model 900, Type B(U) Package," encl  
 MUNRO, J J Tech/Ops (Technical Operations, Inc ) 80/02/01 1p

--8003140322 "SAR Model 900 Type B(U) Package "  
 \* Tech/Ops (Technical Operations, Inc ) 80/02/01 61pp

# NONDOCKETED ITEMS

### 10CFR COMMISSION MEETING RECORDS

8003040282 Transcript of Commission 800214 continuation briefing in Washington, DC re Special Inquiry Group rept effect on action plan Pp 1-74  
\* Commission 80/02/14 76pp

8003040694 Transcript of 800220 briefing in Washington, DC re continuing discussion of action plan Pp 1-70  
\* Commission 80/02/20 70pp

8003040700 Transcript of 800221 briefing in Washington, DC re interagency radiological assistance program Viewgraphs encl Pp 1-26  
\* Commission 80/02/21 26pp

8003050073 Transcript of 800220 Affirmation Session 80-7 in Washington, DC Pp 1-3  
\* Commission 80/02/20 4pp

--8003050089 SECY-80-074  
Discusses NRC approval of delegation of authority to Executive Director of Operation to act as head of agency in matters concerning Dir of Special Counsel Recommends adoption of proposed delegation Draft memo encl  
BICKNIT, L Office of the General Counsel 80/02/08 3pp

--8003050095 SECY-80-064  
Forwards documents re disposition of PASNY FOIA appeal, filed 790615 Draft ltr to util encl  
BICKNIT, L Office of the General Counsel 80/02/01 2pp

--8003050103 FOIA request for 790314 memo from Gibbon to Bradford & 790315 memo from Bradford to Thompson  
PRATT, C M Power Authority of the State of New York 79/06/15 5pp

--8003050110 Discusses telcon w/C Komanoff re concern w/figures that NRC & DOE were issuing on number of barrels of oil required by shutdown of five plants Sentence deleted per Exemption S  
Draft response to PASNY 790615 FOIA request encl  
GIBSON, T Commission 79/03/14 6pp

--8003050116 SECY-80-025  
Requests NRC approval to publish proposed amend for public comment Recommends that NRC approve publication of amend for comment Draft proposed rule & congressional committee ltr encl  
MINOGUE, R B Office of Standards Development 80/01/16 9pp

--8003050123 Preliminary value/impact assessment for proposed rulemaking re informal conference during insp Recommends NRC issue for comment proposed rule establishing IE authorization to schedule meetings w/licensee representatives during insp  
\* Office of Standards Development 80/02/20 7pp

--8003050128 SECY-79-296A  
Proposes denial of Fialka FOIA appeal based upon CIA review  
BICKNIT, L Office of the General Counsel 80/01/24 2pp

--8003050133 SECY-79-296  
Proposes denial of Fialka FOIA appeal Draft responses encl  
KELLEY, J L Office of the General Counsel 80/01/24 6pp

--8003050135 Notifies that CIA has again reviewed info re Fialka FOIA appeal CIA 800102 ltr advises that info remains classified & must be denied from public disclosure  
BRADY, R J Division of Security 80/01/11 5pp

--8003050139 SECY-80-022  
Requests NRC approval to publish notice of denial of TB Conner petition for rulemaking Draft FR notice & ltr to TB Conner encl Draft ltr to Congress also encl  
SHAPAR, H K Office of the Executive Legal Director 80/01/15 13pp

8003050240 Forwards portions of 791106 closed meeting re NFS-Erwin that should be released to public Lists portions withheld per Sunshine Act  
CHILK, S J Office of the Secretary of the Commission 80/02/14 2pp

--8003050241 Transcript of 791106 closed meeting in Washington, DC re NFS-Erwin Pp 1-34 Portions withheld per Sunshine Act  
\* Commission 79/11/06 34pp

8003050244 Forwards portions of 791214 closed meeting re NFS-Erwin that should be released to public Lists portions withheld per Sunshine Act  
CHILK, S J Office of the Secretary of the Commission 80/02/22 2pp

--8003050247 Transcript of 791214 closed meeting re NFS-Erwin in Washington, DC Pp 1-71 Portions withheld per Sunshine Act  
\* Commission 79/12/14 71pp

8003050248 Transcript of 800225 meeting in Washington, DC re discussion of siting policy issues Pp 1-53  
\* Commission 80/02/25 53pp

8003050251 Forwards portions of 800116 closed meeting re NFS-Erwin that should be released to public Lists portions withheld per Sunshine Act  
CHILK, S J Office of the Secretary of the Commission 80/02/22 2pp

--8003050254 Transcript of 800116 closed meeting in Washington, DC re discussion of NFS-Erwin Pp 1-55 Portions withheld per Sunshine Act  
\* Commission 80/01/16 55pp

8003060439 Transcript of 800222 meeting in Washington, DC re continuation of briefing on action plan Pp 1-56  
\* Commission 80/02/22 56pp

8003110067 Forwards notice of Commission meetings for wk of 800220 for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/02/15 1p

--8003110070 Notice of Commission meetings for wk of 800210  
TWEED, R M Office of the Secretary of the Commission 80/02/14 1p

8003110114 Forwards FR notice of ACRS meeting for FR publication on 800222  
CHILK, S J Office of the Secretary of the Commission 80/02/19 1p

--8003110126 Notice of rescheduling of 800303 ACRS subcommittee meeting to 800304 ACRS meeting re B&W water reactors, scheduled for 800304  
HOYLE, J C ACRS - Advisory Committee on Reactor Safeguards 80/02/19 1p

8003110221 Transcript of Commission 800207 briefing in Washington, DC on effect of Special Inquiry Group rept on action plan Pp 1-112  
\* Commission 80/02/07 114pp

## NONDOCKETED ITEMS

- 8003110232 Forwards preliminary NRC analysis of Special THI Inquiry Group rept & effects on THI action plan Dfc directors & THI action plan steering group concur in revised list of near-term Qc applicant requirements & 800103 deadline  
DIRCKG,W J Office of the Executive Director for Operations 80/02/06 113pp
- 8003110241 Forwards "Rept of Operator Feedback Review Team Meetings W/Utils re Action Plans for Implementing Recommendation of President's Commission & Other Studies of THI-2 Accident (Action Plan) NUREG-0660, Draft 1 "  
BRUNNER,E J Region 1, Philadelphia, Reactor Operations Nuclear Support Branch HEISHMAN,R F Region 3, Chicago, Reactor Operations Nuclear Support Branch MADSEN,G L Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/01 1p
- 8003110247 "Rept of Operator Feedback Review Team Meetings W/Utils re Action Plans for Implementing Recommendation of President's Commission & Other Studies of THI-2 Accident (Action Plan) NUREG-0660, Draft 1 "  
\* Region 1, Philadelphia, Reactor Operations Nuclear Support Branch \* Region 3, Chicago, Reactor Operations Nuclear Support Branch \* Region 4, Dallas, Reactor Operations Nuclear Support Branch 80/02/01 26pp
- 8003110252 Discusses review of Special Inquiry Group rept Subj of improved & personnel training should receive addl treatment Epilogue does not accurately portray status of NRC or industry ten months after accident  
STELLO,V Office of Inspection & Enforcement, Office of the Director 80/02/04 3pp.
- 8003110255 Discusses review of Special Inquiry Group rept Problems & issues described in rept have been previously identified by other investigations & reviews Recommendations re licensing programs appear consistent w/action plan steering group  
DENTON,H R Office of Nuclear Reactor Regulation 80/02/04 3pp
- 8003110259 Discusses review of Special Inquiry Group rept Most recommendations covered by THI action plan Functions devoted to quantitative risk factors should not be relocated in Dfc of Analysis & Evaluation of Operational Data  
SCROOINB,R M Administrative and Resource Control Staff 80/02/04 3pp
- 8003110267 Discusses review of Special Inquiry Group rept Rept fails to consider NRC regulation of nuclear activities other than reactor operations when discussing improved organizational structures  
MINDOVE,R B Office of Standards Development 80/02/04 6pp
- 8003110275 Forwards review of Special Inquiry Group rept W/o encl  
DIRCKG,W J Office of Nuclear Material Safety & Safeguards 80/02/04 1p
- 8003110279 Discusses review of Special Inquiry Group rept Rept closely parallels rept of President's Commission in major conclusions re NRC reorganization & specific safety improvements  
SHAPAR,H K Office of the Executive Legal Director, 80/02/04 6pp
- 8003110288 Discusses review of Special Inquiry Group rept Rept fails to recognize recent efforts within NRC & nuclear industry to improve assessment of operating experience  
HELTENES,C J Director's Office 80/02/04 2pp
- 8003110293 Forwards comments on Rogovin rept W/o encl  
SHEA,J R Office of International Programs 80/02/04 1p
- 8003110302 Discusses Rogovin rept Supports recommendation for single administrator in NRC organization Cooperation between NRC licensing & insp functions could be improved through direct contact between regions & licensing ofcs  
HALLER,N M Office of Management and Program Analysis 80/02/04 2pp
- 8003110313 Comments on public affairs aspects of Special Inquiry rept Util & agencies should cooperate in effort to provide media & public w/info re nuclear facilities  
FOUCHARD,J J Office of Public Affairs 80/02/04 1p
- Comments on Rogovin rept NRC state liaison officers should be in full-time evacuation planning Long-term & methods of handling evacuation planning must be  
Office of State Programs 80/02/01 2pp
- Forwards notice of Commission meetings for wk of 800218  
THEED,R M Office of the Secretary of the Commission 80/02/13 1p
- 8003110423 Forwards notice of 10CFR110 final rule re Commission review of export license applications for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/02/13 1p
- 8003110425 Notice of 10CFR110 final rule re Commission review of export license applications  
CHILK,S J Office of the Secretary of the Commission 80/02/12 3pp
- 8003120127 Forwards notice of Commission meetings for wk of 800218 for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/02/13 1p
- 8003120135 Notice of Commission meetings for wk of 800218  
THEED,R M Office of the Secretary of the Commission 80/02/14 1p
- 8003120216 Forwards FR notice of Commission meeting to be published on 800222  
CHILK,S J Office of the Secretary of the Commission 80/02/20 1p
- 8003120222 Notice of 800219,22 & 23 Commission meetings in Washington, DC to discuss reorganization, siting policy issues & briefing on Sequoyah  
THEED,R M Office of the Secretary of the Commission 80/02/19 1p
- 8003120229 Forwards notice of Commission meetings during wk of 800229, to be published in FR on 800226  
CHILK,S J Office of the Secretary of the Commission 80/02/22 1p
- 8003120235 Notice of 800225,27-29 Commission meetings in Washington, DC to discuss siting policy, ERA impact on NRC licensees, mgt organization matters & briefing on action plan & nuclear mail accounting & inventory difference evaluations  
THEED,R M Office of the Secretary of the Commission 80/02/21 1p
- 8003120241 Forwards FR notice of availability of preliminary draft regulation to 10CFR61 re disposal of low level radwaste  
CHILK,S J Office of the Secretary of the Commission 80/02/22 1p
- 8003120249 Notice of availability of preliminary draft regulation to 10CFR61 for disposal of low level radwaste  
MARTIN,J B Division of Waste Management 80/02/20 9pp
- 8003130386 Notice of filing of petition for rulemaking by State of IL & Porter County chapter of Isaac Walton League of America to amend or rescind 10CFR50 55(b) "Domestic Licensing of Production & Utilization Facilities "  
CHILK,S J Office of the Secretary of the Commission 80/01/28 9pp
- 8003130378 Forwards notice of filing of petition for rulemaking by State of IL & Porter County chapter of Isaac Walton League of America for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/01/29 1p
- 8003170008 Forwards notice of Commission meetings for wk of 800218 for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/02/19 1p
- 8003170010 Notice of Commission meetings for wk of 800218  
THEED,R M Office of the Secretary of the Commission, 80/02/15 1p
- 8003170015 Forwards notice of Commission meetings for wk of 800218 for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/02/14 1p
- 8003170017 Notice of Commission meetings for wk of 800218  
THEED,R M Office of the Secretary of the Commission 80/02/13 1p

# NONDOCKETED ITEMS

341

- 8003170022 Forwards notice of proposed amends to 10CFR73 re physical protection of in-transit SNM of moderate strategic significance  
CHILK,S J Office of the Secretary of the Commission 80/02/15 1p
- 8003170024 Notice of proposed amend to 10CFR73 re physical protection of in-transit SNM of moderate strategic significance  
CHILK,S J Office of the Secretary of the Commission 80/02/14 5pp
- 8003170081 Forwards notice of 10CFR140 re determination of extraordinary nuclear occurrence for FR publication  
CHILK,S J Office of the Secretary of the Commission 80/02/13 1p
- 8003170084 Notice of 10CFR140 re determination of extraordinary nuclear occurrence  
CHILK,S J Office of the Secretary of the Commission 80/02/12 1p
- 8003180019 Transcript of 800227 morning hearing re siting policy issues in Washington,DC Pp 1-15  
\* Commission 80/02/27 16pp
- 8003190056 Forwards FR notice re request for public comment on NUREG-0648, "Study of NRC Appellate Sys," for publication on 800130  
CHILK,S J Office of the Secretary of the Commission 80/01/24 1p
- 8003190061 Notice requesting public comment on NUREG-0648, "Study of NRC Appellate Sys"  
CHILK,S J Office of the Secretary of the Commission 80/01/23 2pp
- 8003200060 Transcript of 800229 Affirmation Session 80-B in Washington, DC Pp 1-6  
\* Commission 80/02/29 5pp
- 8003200091 SECY-80-061  
Recommends that Commission approve encl draft notice of proposed rulemaking to revise requirements to include fees for review of QA packages for shipping  
DONGHUE,D J Office of Administration 80/01/30 6pp
- 8003200105 SECY-80-044  
Recommends that Commission approve encl draft FR advance notice of rulemaking re personnel dosimetry processors  
MINDGUE,R B Office of Standards Development 80/01/23 36pp
- 8003200115 SECY-79-460  
Recommends that Commission approve encl draft FR notice re amend to regulations to specify criteria for determining whether proposed amend to DL or CP involves no significant hazards consideration  
MINDGUE,R B Office of Standards Development 79/12/13 21pp
- 8003200123 Forwards petition for proposed rulemaking  
LOWENSTEIN,R Lowenstein,Neuman,Reis,Axelrad & Toll 76/05/07 1p
- 8003200128 Petition for proposed rulemaking re amend to NRC rules specifying criteria for determining when proposed amend to DL involves no significant hazards consideration FR notice encl  
LOWENSTEIN,R Boston Edison Co LOWENSTEIN,R, Lowenstein,Neuman,Reis,Axelrad & Toll 76/05/07 14pp.
- 8003200134 Comments on petition for rulemaking Objects to NRC rule eliminating public participation in licensing processes  
WASSERBACH,A E Affiliation Unknown 76/06/22 1p
- 8003200142 Comments on petition for rulemaking amend represents further erosion of freedom for apparent purpose of giving primacy to industry Need for nuclear power plants has not been proved  
JERAD,E Affiliation Unknown 76/06/30 1p
- 8003200149 Comments on petition for rulemaking consideration of all suggested mechanisms which could expedite decisionmaking process should be continued  
EICHELDINGER,C Westinghouse Electric Corp NS-CE-1162 80/01/31 1p
- 8003200154 Comments on petition for rulemaking approved method of reaching determination available using NRC SRP & or reg guide  
CLARK,J R Nuclear Fuel Services, Inc (subs of Getty Oil Co) 76/08/09 2pp
- 8003200166 Comments on petition for rulemaking endorses petition for initiation of rulemaking proceeding Criteria for significant hazards consideration would reduce delay in approving license amends  
SHERWOOD,G G General Electric Co 780-292-79 76/08/10 2pp
- 8003200175 Forwards comments on petition for rulemaking Proposed petition would restrict public right to participate in licensing determinations Congress intended broadest possible public participation in NRC proceedings  
DEPTULA,G C Union of Concerned Scientists 76/08/13 11pp
- 8003200183 Comments on petition for rulemaking current practices re prior public notice & opportunity for hearing should be maintained Proposed procedural changes would compromise right of public participation in proceedings  
LEE,H Massachusetts, State of 76/08/12 1p
- 8003200191 Comments on petition for rulemaking strongly supports changes suggested in body of petition Adoption would reduce uncertainty & unnecessary delays in implementation of proposed license amend  
VANDENBURGH,D E Yankee Atomic Electric Co 76/08/04 2pp
- 8003200198 Comments on petition for rulemaking reaffirms 760622 comments re amend to regulations Public participation in licensing process should not be further limited  
WASSERBACH,A E Affiliation Unknown 76/09/28 2pp
- 8003200202 Forwards record of 760917 telcon re 760630 ltr commenting on petition for rulemaking Requests verification of accuracy  
MORRISON,H M Office of Standards Development 76/11/08 2pp
- 8003200211 Adds comments to NRC 761108 ltr of 760917 telcon re petition for rulemaking Draft Congressional ltr & executive legal director views & analysis attached  
DEPTULA,G C Union of Concerned Scientists 76/11/18 34pp
- 8003200220 Comments on petition for rulemaking policy question more than minor & warrants press release Criteria for no significant hazards determination & draft press release encl  
RENNEKE,A Office of Policy Evaluations 79/09/07 10pp
- 8003200290 Transcript of NRC 800229 public meeting in Washington,DC re SECY-80-039 Pp 1-59  
\* Commission 80/02/29 60pp
- 8003250176 Transcript of 800306 Affirmation Session 80-9 in Washington, DC Pp 1-3  
AHEARNE,J F Commission 80/03/06 3pp
- 8003250182 SECY-80-078  
Recommends approval of minor changes in Commission conflict of interest regulations Draft FR notice encl  
FITZGERALD,J A Office of the General Counsel 80/02/11 12pp
- 8003250190 SECY-80-082  
Recommends Reappointment of CP Seiss to ACRS Draft ltr encl  
FRALEY,R F ACRS - Advisory Committee on Reactor Safeguards 80/02/12 5pp
- 8003270192 Transcript of 800319 hearing in Washington,DC re Dfc of Inspector & Audit 1980 audit program Pp 1-40 Dfc of Inspector & Audit briefing notes & slides encl  
\* Commission 80/03/19 71pp
- 8003270195 Transcript of 800320 hearing in Washington,DC re work plans of Dfc of Analysis & Evaluation of Operating Data Pp 1-36 Dfc for Analysis & Evaluation of Operational Data 800320 status rept encl  
\* Commission 80/03/20 67pp
- 8003270198 Transcript of 800311 public meeting in Washington,DC re progress,status & plans of Inst of Nuclear Power Operations Pp 1-64 Biographical data on Inst of Nuclear Power Operations board of directors encl  
\* Commission 80/03/11 72pp
- ACRS ADVISORY COMMITTEE ON REACTOR SAFEGUARDS
- 8003050062 "Reactor Protection Sys Functional Design Comparison of Reactor Protection Sys Functional Designs Utilized by Four NSSS Vendors"  
BICKEL,J H ACRS - Advisory Committee on Reactor Safeguards 79/11/13 143pp



## NONDOCKETED ITEMS

- 8003060641 Forwards addl info on natural circulation cooling & resolution of review comments  
BICKEL, J H ACRS - Advisory Committee on Reactor Safeguards  
79/06/08 14pp
- 8003060647 Forwards "Preliminary Rept on Radiolysis & Recombination in RCS"  
BICKEL, J H ACRS - Advisory Committee on Reactor Safeguards  
79/07/12 2pp
- 8003060649 "Preliminary Rept on Radiolysis & Recombination in RCS"  
\* ACRS - Advisory Committee on Reactor Safeguards 79/07/12  
23pp
- 8003070110 Discusses resolution of generic terms re operation of one nuclear unit while others are under const in multi-unit facility Portions of Reg Guide 1.17 encl  
BICKEL, J H ACRS - Advisory Committee on Reactor Safeguards  
79/10/03 7pp
- 8003070114 N1B 17-1973  
"Industrial Security for Nuclear Power Plants"  
\* American National Standards Institute 73/07/18 20pp
- 8003070207 Discusses generic item re vacuum relief valves controlling bypass paths on BWR pressure suppression containments Few recent failures of vacuum breakers between torus & drywell have occurred  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/09/24 6pp
- 8003070209 Submits responses to 790831 questions re 790816 rept, "Significance of Recent Snubber Failures"  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/09/11 4pp
- 8003070225 Discusses significance of recent snubber failures at operating nuclear power plants Table of related LERS & summary of operational characteristics of hydraulic & mechanical snubbers encl  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/08/16 9pp
- 8003070230 Submits suggestions for incorporation of German PWR ideas in US PWRs  
STAMPELOS, J G ACRS - Advisory Committee on Reactor Safeguards  
79/12/06 2pp
- 8003070234 Forwards generic background info on natural circulation cooling mode  
BICKEL, J H ACRS - Advisory Committee on Reactor Safeguards  
79/08/15 85pp
- 8003070245 Discusses Lessons Learned Task Force short-term recommendations for design & installation of subcooling meters in PWRs Drawings of B&W & C-E RCS elevations encl  
STAMPELOS, J G ACRS - Advisory Committee on Reactor Safeguards  
79/11/08 3pp
- 8003070249 Forwards comments on semiscale two loop test apparatus & Lynn 30 degree sector ECCS test facilities  
STAMPELOS, J G ACRS - Advisory Committee on Reactor Safeguards  
80/01/18 22pp
- 8003070252 Discusses NUREG-0660, Draft 2, "Action Plans for Implementing Recommendations of President's Commission & Other Studies of TMI-2 Accident"  
PLESBET, M S ACRS - Advisory Committee on Reactor Safeguards  
80/02/11 2pp
- 8003070279 Summarizes reactions between U dioxide & Zircaloy at high temps Supportive drawings encl  
BESSETTE, D E ACRS - Advisory Committee on Reactor Safeguards  
79/07/09 6pp
- 8003070291 Discusses requirements for PWR secondary water chemistry NRC efforts on steam generator metal degradation problems summarized in encl Task Action Plans A-3 & A-4  
BESSETTE, D E ACRS - Advisory Committee on Reactor Safeguards  
79/11/26 2pp
- 8003070296 Task Action Plan A-03 "Westinghouse Steam Generator Tube Integrity," Revision 1  
EISENHUT, D O., LTAW, B. D. Division of Operating Reactors  
78/09/31 12pp
- 8003070301 Task Action Plan A-4 "C-E Steam Generator Tube Integrity," Revision 1  
EISENHUT, D O., ALMETER, F. M. Division of Operating Reactors  
78/09/31 11pp
- 8003100098 Forwards list of nuclear plant LERs Jan 1976-Dec 1979 & info re study of liquid radwaste sys operating problems Investigation insufficient to fully document problems described in 791017 ltr Plant organization charts encl  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/12/31 59pp
- 8003100103 Summary of 791008-11 meeting w/util panel in Charlotte, NC re nuclear plant radwaste sys problems & solutions  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/10/17 4pp
- 8003100113 Forwards table of LERs on snubber-related problems & summary of hydraulic & mechanical snubbers operational characteristics Status of snubber-related problems will continue to be monitored  
YOUNG, G G ACRS - Advisory Committee on Reactor Safeguards  
79/08/16 7pp
- 8003100240 Transcript of 800304 ACRS Bulletins & Orders subcommittee meeting in Washington, DC Pp 1-121  
MATHIS, W ACRS - Advisory Committee on Reactor Safeguards  
80/03/04 121pp
- 8003120582 Transcript of ACRS Subcommittee on TMI-2 Accident-Bulletins & Orders 800304 meeting in Washington, DC Pp 122-281  
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/04  
160pp
- 8003120601 Transcript of ACRS Subcommittee on TMI-2 800305 meeting in Washington, DC Pp 1-235  
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/05  
236pp
- 8003190177 Forwards list of repts written under ACRS fellowship program Repts have not been reviewed for accuracy & do not necessarily reflect ACRS views  
FRALEY, R F ACRS - Advisory Committee on Reactor Safeguards  
80/01/21 3pp
- 8003190331 Responds to 760811 ltr re NUREG-75/014, reactor safety study ACRS will provide further comments as soon as possible  
MOELLER, D W ACRS - Advisory Committee on Reactor Safeguards  
76/08/17 1p
- 8003190455 Forwards summaries of PWR & BWR pressurizer relief sys Drawings & tables also encl  
STAMPELOS, J G ACRS - Advisory Committee on Reactor Safeguards  
79/08/17 17pp
- 8003190583 Forwards "Hydrogen Generation & Pressure Suppression Containments" per review of Lessons Learned Task Force final rept Use of mitigating device or sys should be based on appropriate measure  
KASTENBERG, W E ACRS - Advisory Committee on Reactor Safeguards  
79/11/02 1p
- 8003190588 "Hydrogen Generation & Pressure Suppression Containments"  
KASTENBERG, W E ACRS - Advisory Committee on Reactor Safeguards  
79/11/02 7pp
- 8003250282 Summary of 232nd ACRS 790809-11 meeting in Washington, DC  
\* ACRS - Advisory Committee on Reactor Safeguards 79/08/11 43pp
- 8003270217 Certified summary of ACRS Subcommittee on Fluid Dynamics 791116 meeting in San Francisco, CA to develop info re Mark I containment long-term program  
\* ACRS - Advisory Committee on Reactor Safeguards 80/01/10 69pp
- 8003310148 Transcript of ACRS ECCS Subcommittee 800325 meeting in Washington, DC Pp 1-292  
\* ACRS - Advisory Committee on Reactor Safeguards 80/03/25  
293pp
- COMMISSION NRC COMMISSIONERS
- 7906270163 Ack receipt of 790316 ltr re transportation of waste metals Forwards description of NRC & DOT requirements for transportation of radioactive metals, NUREG-0170 & rept on transportation accidents from Jan 1978 to Feb 1979.  
HENDRIE, J H Commission 79/09/25 3p
- 7911060016 Responds to 790928 ltr to Hendrie re proposed sale of gas leases 47 & 49 No conflicts identified between proposed sale & facilities presently licensed by NRC or facilities in licensing process  
DENTON, H. R. Office of Nuclear Reactor Regulation 79/10/22 1p

# NONDOCKETED ITEMS

343

- 7911060017 Requests info required to evaluate potential impact which might result from two proposed oil & gas lease sales in Gulf of Mexico  
RANKIN, J L Interior, Dept of, Bureau of Land Management  
79/09/28 2pp
- 8003040266 Summarizes ACRS 800207-09 238th meeting re review of NRC acceptance criteria for Mark I containment long-term program Program can be concluded & mods to individual Mark I BWRs can be implemented over next 18 months  
PLESSET, M S ACRS - Advisory Committee on Reactor Safeguards  
80/02/13 2pp
- 8003060340 Requests Executive Branch position re impact of recent changes in Indian govt leadership or earlier Executive Branch analysis Concerning Tarapur fuel export license application  
AHEARNE, J F Commission 80/01/21 2pp
- 8003060568 Provides Subcommittee on Energy Research & Production w/ comments on 791111 news article re Univ of Heidelberg rept asserting that NRC underestimates reactor radiation doses to public Rept incorrect Rept original & translation encl  
AHEARNE, J F Commission 80/02/20 3pp
- 8003060575 "Radioecological Assessment of WYHL Nuclear Power Plant," prepared by Univ of Heidelberg  
\* Heidelberg, Univ of 79/07/15 193pp
- 8003060743 Weekly info rept for week ending 800215  
REHM, T A Office of the Executive Director for Operations  
80/02/22 26pp
- 8003060747 Weekly info rept for week ending 800208  
REHM, T A Office of the Executive Director for Operations  
80/02/14 24pp
- 8003100122 Responds to ltr re problem of nuclear wastes Forwards President Carter 790212 ltr to Congress & Washington Post 780826 article re radwaste NRC is committed to safe & environmentally sound disposal of radwaste  
HENDRIE, J M Commission 80/02/14 7pp
- 8003100144 Responds to 800204 request for schedule & requirements for licensees not required to respond to IE Bulletin 79-01B Licensees under obligation to review equipment qualification adequacy Schedule will be established  
DENTON, H R Office of Nuclear Reactor Regulation IEB-79-01  
80/02/15 2pp
- 8003110017 Forwards NRC 790930 quarterly rept on full-time permanent employee hiring & promotion Also forwards related FY79 summary & separate summary re minorities & women W/o encl  
AHEARNE, J F Commission 80/02/22 1p
- 8003110025 Forwards NRC 790930 quarterly rept on full-time permanent employee hiring & promotion Also forwards related FY79 summary & separate summary re minorities & women W/o encl  
AHEARNE, J F Commission 80/02/22 1p
- 8003110055 Provides Subcommittee on Environ, Energy & Natural Resources w/NRC 790930 quarterly rept on full-time permanent employee hiring & promotion Also provides related FY79 summary & separate summary re minorities & women W/o encl  
AHEARNE, J F Commission 80/02/22 1p
- 8003110063 Provides Subcommittee on Energy & Environ w/NRC 790930 quarterly rept of full-time permanent employee hiring & promotion Also provides related FY79 summary & separate summary re minorities & women W/o encl  
AHEARNE, J F Commission 80/02/22 1p
- 8003110069 Provides Subcommittee on Energy & Power w/NRC 790930 quarterly rept on full-time permanent employee hiring & promotion Also provides related FY79 summary & separate summary re minorities & women  
AHEARNE, J F Commission 80/02/22 1p
- 8003110075 Provides Subcommittee on Nuclear Regulation w/NRC 790930 quarterly rept on full-time permanent employee hiring & promotion Also provides related FY79 summary & separate summary re minorities & women  
AHEARNE, J F Commission 80/02/22 6pp
- 8003110189 Inoffice review of event repts, Procedure 90712B  
\* Office of Inspection & Enforcement, Office of the Director  
79/04/01 7pp.
- 8003110204 Licensee event followup, Procedure 92700B NRC Aug-Sept 1975 current events encl  
\* Office of Inspection & Enforcement, Office of the Director  
79/01/01 20pp
- 8003110222 Forwards computer listing of LERs, sorted by facility, for Sept 1978  
KIRK, I A Office of Management and Program Analysis 78/09/28 3pp
- 8003110229 Forwards computer listing of LERs, sorted by facility, for June 1978  
KIRK, I A Office of Management and Program Analysis 78/07/05 3pp
- 8003110253 Forwards computer listing of LERs for May 1979  
BOYLE, E L Office of Management and Program Analysis 79/06/04 3pp
- 8003140074 Advises of acceptance of 800131 invitation to speak at 800709 First TX Symposium on Energy Title of talk is "Nuclear Safety & Regulation of Nuclear Technology"  
HENDRIE, J M Commission 80/02/14 1p
- 8003140081 Requests decision re invitation to speak at First TX Symposium on Energy & title of speech Tentative program encl  
FENYVES, E J Texas, Univ of, Dallas 80/01/31 5pp
- 8003140080 Comments on 800215 early working draft of NRC reorganization plan Draft plan will accomplish aim of strengthening position of chairman Commission should continue as fundamental authority of agency  
HENDRIE, J M Commission 80/02/19 3pp
- 8003140086 Comments on Special Inquiry Rept Investigation was fair & agreement was fulfilled w/distinction Rept will be useful guide in going forward w/agency work & will receive serious consideration  
HENDRIE, J M Commission 80/02/11 1p
- 8003170129 Expresses appreciation for treatment received during trip to Chattanooga, TN  
HENDRIE, J M Commission 80/02/26 1p
- 8003190726 Weekly info rept for week ending 800229  
REHM, T A Office of the Executive Director for Operations  
80/03/05 20pp
- 8003190896 Expresses gratitude for being given opportunity to speak at Chattanooga Area Engineers Week banquet  
HENDRIE, J M Commission 80/02/29 1p
- 8003190903 Expresses appreciation on behalf of Chattanooga Area Engineers Week committee for JM Hendrie visit & speech highlighting energy needs  
MASON, C L Affiliation Unknown 80/02/25 1p
- 8003200009 Responds to 791231 ltr re facility cleanup activities Util submitted encl 791212 "Summary Technical Plan for Decontamination & Refueling" No radwaste discharges authorized  
AHEARNE, J F Commission 80/02/27 2pp
- 8003200016 Comments on facility cleanup activities NRC should require util to prepare prospectus Requests that Commission provide state w/advance notice of any proposed radwaste discharges  
HUGHES, H Maryland, State of 79/12/31 2pp
- 8003200024 Forwards NUREG-0090, Vol 2, Number 3, "Rept to Congress on AOs," Jul-Sept 1979, updating previous AOs, including TKI accident II/O encl  
AHEARNE, J F Commission 80/02/27 2pp
- 8003200035 Forwards NUREG-0090, Vol 2, Number 3, "Rept to Congress on AOs," Jul-Sept 1979, updating previous AOs including TKI accident  
AHEARNE, J F Commission 80/02/27 2pp
- 8003200074 Provides Subcommittee on Environ, Energy & Natural Resources w/ "Rept by NRC on Administration of FOIA for 1979" W/o encl  
AHEARNE, J F Commission 80/02/29 1p
- 8003200083 Provides Subcommittee on Nuclear Regulation w/ "Rept by NRC on Administration of FOIA for 1979" W/o encl  
AHEARNE, J F Commission 80/02/29 1p

## NONDOCKETED ITEMS

- 8003200087 Provides Subcommittee on Energy & Power w/ "Rept by NRC on Administration of FOIA for 1979" w/o encl  
AHEARNE, J F Commission 80/02/29 1p
- 8003200090 Forwards "Rept by NRC on Administration of FOIA for 1979"  
w/o encl  
AHEARNE, J F Commission 80/02/29 1p
- 8003200096 Forwards "Rept by NRC on Administration of FOIA for 1979"  
Includes 10CFR9 excerpt  
AHEARNE, J F Commission 80/02/29 15pp
- 8003240266 Responds to 800201 ltr re possible dry meltdown tests Tests  
underway as part of core melt research  
BUDNITZ, R J Office of Nuclear Regulatory Research 80/03/14 1p
- 8003240329 Responds to 800123 inquiry re licensing & clearance  
requirements for performing infrared preventive maint  
analysis on reactors Units responsible for area  
BENTON, H R Office of Nuclear Reactor Regulation 80/02/22 1p
- 8003240333 Requests forms required for performance of infrared  
preventive maint analysis on reactors  
SANDIAN, C Quad Logistics, Inc 80/01/23 1p
- 8003240563 Requests NRC perform controlled dry meltdown test of  
simulated hot reactor core Test would make nuclear energy  
more acceptable to public & would provide realistic  
evaluation for fault-tree analyses  
BARBAT, W H Affiliation Unknown 80/02/01 1p
- 8003240578 Weekly info rept for wk ending 800307  
REHM, T A Office of the Executive Director for Operations  
80/03/11 2Epp
- 8003270175 Summary of 338th ACRS 800207-09 meeting in Washington, DC  
PLESSET, M S ACRS - Advisory Committee on Reactor Safeguards  
80/02/22 3pp
- CONTRACT NRC CONTRACTS AND MODIFICATIONS
- 8003040088 Notification of contract execution, Mod 2 to "Human Factors  
Evaluation of Control Room Design & Operator Performance at  
TMI-2" Contractor Essex Corp  
HAGAN, T F Administrative Contracts Branch FIN B-6866  
NRC-04-79-209 80/02/11 1p
- 8003040095 Mod 2, increasing funds, to "Human Factors Evaluation of  
Control Room Design & Operator Performance at TMI-2"  
MATTIA, M J Division of Contracts FQOTE, R C Essex Corp FIN  
B-6866 NRC-04-79-209 80/02/11 7pp
- 8003040099 Notification of contract execution, Mod 3 to "Human Factors  
Evaluation of Control Room Design & Operator Performance at  
TMI-2" Contractor Essex Corp  
HAGAN, T F Administrative Contracts Branch FIN B-6791  
NRC-04-79-209 80/02/22 1p
- 8003040105 Mod 3, correcting administrative error to Mod 2, to "Human  
Factors Evaluation of Control Room Design & Operator  
Performance at TMI-2"  
MATTIA, M J Division of Contracts FIN B-6791 NRC-04-79-209  
80/02/22 1p
- 8003040201 Notification of contract execution, Mod 6 to "JURIS  
Automatic Legal Research Sys" Contractor DDJ  
HAGAN, T F Administrative Contracts Branch NRC-10-76-335  
80/02/21 1p
- 8003040206 Mod 6, renewing FY80 contract, to "JURIS Automatic Legal  
Research Sys"  
MATTIA, M J Division of Contracts KONDAS, O S Justice, Dept of  
NRC-10-76-335 80/02/21 5pp
- 8003040257 Notification of contract execution, Mod 3 to "NRC/TMI  
Special Inquiry Rept Svcs" Contractor JF Holman, Co, Inc  
HAGAN, T F Administrative Contracts Branch NRC-10-79-668  
80/02/14 1p
- 8003040264 Mod 3, extending delivery schedule under Article II &  
revising Article V, Paragraph B to "NRC/TMI Special Inquiry  
Rept Svcs"  
MATTIA, M J Division of Contracts DEANER, J H John F Holman &  
Co, Inc NRC-10-79-668 80/02/14 2pp
- 8003050120 Notification of contract execution "Rental & Purchase of  
Two Dfc Trailers," awarded to Design Space Intl  
FLYNN, M J Administrative Contracts Branch NRC-10-80-667  
80/02/20 1p
- 8003050124 Contract "Rental & Purchase of Two Dfc Trailers," awarded  
to Design Space Intl  
MATTIA, M J Division of Contracts RIVER, W D Design Space  
International NRC-10-80-667 80/02/20 11pp
- 8003060698 Notification of contract execution "Technical Presentation  
& Consultation In Connection W/Sagtram & Patram," awarded  
to Stanford Research Inst  
EDGEWORTH, P Technical Assistance Contracts Branch FIN B-6124-0  
NRC-02-80-051 80/02/19 1p
- 8003060702 Contract "Technical Presentation & Consultation In  
Connection W/Sagtram & Patram," awarded to Stanford Research  
Inst  
DOUGHERTY, D J Technical Assistance Contracts Branch FIN  
B-6124-0 NRC-02-80-051 80/02/19 7pp
- 8003130114 Summary of 800220 monthly progress meeting w/Franklin  
Research Inst in Philadelphia, PA List of topics & short  
discussions encl  
BUTCHER, E J Division of Operating Reactors NRC-03-79-110  
80/02/20 4pp
- 8003140458 Notification of contract execution "Structural Engineering  
Case Reviews II," awarded to US Naval Surface Weapons Ctr  
MEINZGER, W B Technical Assistance Contracts Branch FIN B-6878  
NRC-10-80-109 80/02/19 1p
- 8003140460 Contract "Structural Engineering Case Reviews II," awarded  
to US Naval Surface Weapons Ctr  
DOUGHERTY, D J Technical Assistance Contracts Branch BROUW, M  
Navy, Dept of FIN B-6878 NRC-10-80-109 80/02/19 1p
- 8003170233 Notification of contract execution, Mod 1 to "On-Call Maint  
for NRC Computer Peripheral Equipment" Contractor Computer  
Sys Support Corp  
MEDRON, L K Administrative Contracts Branch NRC-10-79-395  
80/03/03 1p
- 8003170314 Mod 1, including addl equipment for on-call maint w/no change  
in performance period or contract ceiling amount, to "On-Call  
Maint for NRC Computer Peripheral Equipment"  
MATTIA, M J Affiliation Unknown \* Computer Systems Support  
Corp NRC-10-79-395 80/03/03 1p
- 8003170241 Notification of contract execution "Radio & TV Monitoring  
& Reporting Svc," awarded to JR Birmingham Co  
LEBO, C D Administrative Contracts Branch NRC-10-80-388  
80/03/01 1p
- 8003170305 Contract "Radio & TV Monitoring & Reporting Svc," awarded  
to JR Birmingham Co  
MATTIA, M J Affiliation Unknown DESMOND, J A JR Birmingham  
Co NRC-10-80-388 80/03/01 31pp
- 8003190189 Notification of contract execution, Mod 1 to "Frequency &  
Intensity Characteristics of Cloud to Ground Lightning for  
Selected Sites in US" Contractor Natl Oceanic & Atmospheric  
Administration  
OUSTAVE, R P Research Contracts Branch FIN B-10870  
NRC-01-79-007 80/02/22 1p
- 8003190194 Mod 1, increasing funding to "Frequency & Intensity  
Characteristics of Cloud to Ground Lightning for Selected  
Sites in US" Contractor Natl Oceanic & Atmospheric  
Administration  
MORTON, K V Research Contracts Branch FIN B-10890  
NRC-01-79-007 80/02/22 1p
- 8003190282 Notification of contract execution "Review Panel for  
10CFR60" Contractor Univ of AZ  
HAGEY, H Research Contracts Branch FIN B-7221, NRC-04-80-217  
80/01/02 1p
- 8003190290 Contract "Review Panel for 10CFR60" awarded to Univ of AZ  
Scope of work encl  
MORTON, K V Research Contracts Branch CARR, B E Arizona, Univ  
of FIN B-7221 NRC-04-80-217 80/01/02 3pp
- 8003190322 Notification of contract execution, Mod 5 to "Evaluation of  
Thorium Content of Human Tissues from Grand Junction, Co"  
Contractor NY Univ Medical Ctr Supplemental agreement encl  
HAGEY, H Research Contracts Branch FIN B-5756 NRC-04-76-358  
79/12/26 2pp

# NONDOCKETED ITEMS

345

8003190769 Notification of contract execution, Mod 15 to "Reactor Effluent & Environ Radioactivity Stds " Contractor Dept of Commerce  
BAISDER, L Research Contracts Branch FIN B-5118 NRC-05-72-100  
80/02/03 1p

--8003190784 Mod 15, extending period of performance & increasing funding to "Reactor Effluent & Environ Radioactivity Stds " Contractor Dept of Commerce  
MORTON, K V Research Contracts Branch FIN B-5118 NRC-05-72  
80/01/28 2pp

8003190794 Notification of contract execution, Mod 4 to "Consulting on Foreign Countries Code Development Programs " Contractor P Anderson  
MOLLETT, S A Research Contracts Branch FIN B-6300 NRC-04-79-177  
80/02/21 1p

--8003190802 Mod 4, increasing funding to "Consulting on Foreign Countries Code Development Programs " Contractor P Anderson  
MORTON, K V Research Contracts Branch FIN B-6300  
NRC-04-79-177 80/02/22 2pp

8003190809 Notification of contract execution "Courses in Nuclear Reactor Concepts," awarded to M Roush  
PERLMAN, J Purchasing Section NRC-10-80-366 80/02/28 1p

--8003190817 Contract "Course in Nuclear Reactor Concepts," awarded to M Roush  
HARGETT, D J Division of Contracts ROUSH, M L Roush, M  
NRC-10-80-366 80/02/28 App

8003190842 Notification of contract execution, Mod 1 to "BWR Refill - Reflood Program " Contractor GE/EPRI  
MORTON, K V Research Contracts Branch FIN B-5877 NRC-04-79-184  
80/02/29 1p

--8003190847 Mod 1, providing incremental funding action, to "BWR Refill - Reflood Program "  
MORTON, K V Research Contracts Branch BOCK, R G General Electric Co  
FIN B-5877 NRC-04-79-184 80/02/29 1p

8003191001 Notification of contract execution, Mod 4 to "Legal Svcs " Contractor Kominers, Fort, Schlefer & Boyer  
MEDROW, L A K Administrative Contracts Branch FIN B-1323  
NRC-14-78-444 80/02/26 1p

--8003191006 Mod 4, deobligating & closing out contract, to "Legal Svcs " MATTIA, M J Administrative Contracts Branch \* Affiliation Unknown  
FIN B-1323 NRC-14-78-444 80/02/26 1p

8003200011 Notification of contract execution, Mod 7 to "Analysis of Fission Transport & Disposition Within LWRs Under Assumed Accident Conditions " Contractor Battelle Columbus Labs  
MORTON, K V Research Contracts Branch FIN A-4078 NRC-04-76-293  
80/01/01 1p

--8003200013 Mod 7, increasing workscope, funding & extending period of performance to "Analysis of Fission Transport & Disposition Within LWRs Under Assumed Accident Conditions " Contractor Battelle Columbus Labs  
MORTON, K V Research Contracts Branch FIN A-4078  
NRC-04-76-293 80/01/01 2pp

8003200019 Notification of contract execution, Mod 5 to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission Licensed Activities Located within State of CO " Contractor CO  
BAISDEN, L Research Contracts Branch FIN B-5104 NRC-05-76-380  
79/10/01 1p.

--8003200022 Mod 5, extending period of performance & increasing funding to "Environ Surveillance for Measuring Concentrations of Radioactivity & Radiation Levels in Environ of Commission Licensed Activities Located within State of CO " Contractor Univ of CO  
MORTON, K V Research Contracts Branch FIN B-5104.  
NRC-05-76-380 79/10/01 1p

8003200020 Notification of contract execution, Mod 5 to "Geologic Studies of Nemaha Uplift Region " Contractor Univ of CO  
JACOBBS, A Research Contracts Branch FIN B-5967 NRC-04-76-314  
80/02/18 1p

--8003200023 Mod 5, extending period of performance & providing addl funds, to "Geologic Studies of Nemaha Uplift Region " MORTON, K V, GOFF, C W Research Contracts Branch FIN B-5967  
NRC-04-76-314 80/02/18 3pp

8003200025 Notification of contract execution, Mod 2 to "Quantification Classification of Two-Phase Flow Regimes Using Global & Local Neutronic Perturbations " Contractor Univ of WA  
JACOBBS, A Research Contracts Branch FIN B-6324 NRC-04-78-245  
80/02/14 1p

--8003200029 Mod 2, providing addl funds for salary of G Kasaly, to "Quantification Classification of Two-Phase Flow Regimes Using Global & Local Neutronic Perturbations " Contractor Univ of WA  
MORTON, K V Research Contracts Branch TREIBEL, W C Washington, Univ of FIN B-6324 NRC-04-78-245 80/02/14 4pp

8003200027 Notification of contract execution, Mod 2 to "Siting of Nuclear Facilities in Karst & Other Areas Susceptible to Ground Collapse " Contractor Dept of Army  
GUSTAVE, R P Research Contracts Branch FIN B-10860  
NRC-01-79-006 80/02/15 1p

--8003200031 Mod 2, obligating FY80 funding to "Siting of Nuclear Facilities in Karst & Other Areas Susceptible to Ground Collapse " Contractor Dept of Army  
MORTON, K V Research Contracts Branch FIN B-10860  
NRC-01-76-006 80/02/15 1p

8003200033 Notification of contract execution "Development of Official NRC Records Disposition Program," awarded to Small Business Administration Subcontractor JWK Intl  
LEBO, C D Administrative Contracts Branch NRC-10-80-383  
80/02/26 1p

--8003200044 Contract "Development of Official NRC Records Disposition Program," awarded to Small Business Administration Subcontractor JWK Intl  
MATTIA, M J Division of Contracts TUNSTALL, J E Small Business Administration NRC-10-80-383 80/02/26 166pp

8003200178 Notification of contract execution, Mod 1 to "Extension of Skyshine II " Contractor Radiation Research Associates  
PERLMAN, J Purchasing Section FIN B-1199 NRC-03-79-159  
80/02/06 1p

--8003200189 Mod 1, extending period of performance to 810331, to "Extension of Skyshine II " HARGETT, D J Purchasing Section SCHAFFER, N M Radiation Research Associates FIN B-1199 NRC-03-79-159 80/02/06 1p

8003200376 Notification of contract execution, Mod 3 to "PDR Micrographic Storage & Retrieval Sys " Contractor ACCESS Corp  
MEDROW, L A Administrative Contracts Branch NRC-17-79-449  
80/03/03 1p

--8003200377 Mod 3, extending maint coverage, to "PDR Micrographic Storage & Retrieval Sys " MATTIA, M J Administrative Contracts Branch NRC-17-79-449  
80/03/03 14pp

8003200503 Notification of contract execution "Photographic Requirements," awarded to MD Color Photo  
WIGGINS, E J Administrative Contracts Branch NRC-10-80-668  
80/02/29 1p

--8003200509 Contract "Photographic Requirements," awarded to MD Color Photo  
MATTIA, M J Administrative Contracts Branch NRC-10-80-668  
80/02/29 87pp

8003200513 Responds to FOIA request for contract solicitations NRC-17-80-448-01 & NRC-17-80-448-02 & bid abstracts for each contract Forwards contracts & bid abstracts Requests payment of reproduction costs  
FELTON, J M Division of Rules and Records 80/03/03 14pp

--8003200518 Acceptance of bid for Lot 2, "Stenographic Reporting Svcs " MATTIA, M J Division of Contracts NRC-17-80-448 80/01/18 4pp

--8003200549 Solicitation RB-SEC-79-350  
\* Division of Contracts NRC-17-80-448 79/08/14 141pp

8003200556 Notification of contract execution, Mod 2 to "Evaluation of Financial Alternatives for Decommissioning Nuclear Reactors & Impact on Rates " Contract New England Conference of Public Util Commissioners.  
GUSTAVE, R P Research Contracts Branch FIN B-10180  
NRC-01-79-008 80/03/04 1p

## NONDOCKETED ITEMS

- 8003200567 Mod 2, providing addl funds, extending period of performance & revising work statement, to "Evaluation of Financial Assurance Alternatives for Decommissioning Nuclear Reactors & Impact on Rates " MORTON, K V Research Contracts Branch POTE, D R. New England Conference of Public Utility Commissioners FIN D-10180 NRC-01-79-008 80/03/04 2pp
- 8003210348 Notification of contract execution, Mod 2 to "Forum Entitled Nuclear Radiation How Dangerous Is It " Contractor Natl Academy of Sciences LITTLE, M Purchasing Section FIN B-6931-9 NRC-02-79-057 80/02/22 1p
- 8003210351 Mod 2, extending period of performance to 800217 to "Forum Entitled Nuclear Radiation How Dangerous Is It " HARGETT, D J Division of Contracts FIN B-6931-9 NRC-02-79-057 80/02/22 1p
- 8003240247 Notification of contract execution "Grievance Review Examiner," awarded to PE Weil TRAGESER, C M Administrative Contracts Branch NRC-10-80-675 80/03/04 1p
- 8003240249 Contract "Grievance Review Examiner," awarded to PE Weil HARGETT, D J Division of Contracts WEIL, P E WEIL, P E NRC-10-80-675 80/03/04 7pp
- 8003250142 Notification of contract execution, Mod 3 to "Proposal to Further Study of Apparent Excess Cancer in Mesa County, CO " Contractor CO Dept of Health GUSTAVE, R P Research Contracts Branch FIN B-10720 NRC-01-78-014, 80/03/04 1p
- 8003250147 Mod 3, providing addl funds, to "Proposal to Further Study of Apparent Excess Cancer in Mesa County, CO " MORTON, K V Research Contracts Branch TRAYLOR, F Colorado, State of FIN B-10720 NRC-01-78-014 80/03/04 1p
- 8003250402 Notification of contract execution "Executive Development Program," awarded to USDA Graduate School WIGGINS, E J Administrative Contracts Branch NRC-10-80-299 80/03/06 1p
- 8003250408 Contract "Executive Development Program," awarded to USDA Graduate School MATTIA, M J Administrative Contracts Branch NRC-10-80-399 80/03/06 11pp
- 8003260634 Notification of contract execution, Mod 1 to "Historic Seismicity & Late Cenozoic Faulting in AZ, Part I " Contractor State of AZ HAGEY, H Research Contracts Branch FIN B-6798 NRC-04-79-212 80/01/28 1p
- 8003260643 Mod 1, changing key personnel, to "Historic Seismicity & Late Cenozoic Faulting in AZ, Part I " MORTON, K V Research Contracts Branch WHEELER, J T Arizona, State of FIN B-6798 NRC-04-79-212 80/01/28 1p
- 8003270102 Notification of contract execution, Mod 7 to "Geophysical Investigation of Anna, OH Earthquake Zone " Contractor Univ of MI JACOBBS, A Research Contracts Branch, FIN B-5545 NRC-04-76-192 80/03/03 1p
- 8003270105 Mod 7, increasing scope of work & providing addl funds, to "Geophysical Investigation of Anna, OH Earthquake Zone " MORTON, K V Research Contracts Branch MATTHEWS, C W Michigan, Univ of FIN B-5545 NRC-04-76-192 80/03/03 5pp
- 8003270159 Notification of contract execution, Mod 1 to "Review of San Onofre Units 2 & 3 Slip Rate Vs Magnitude Study " Contractor DB Glenmont PERLMAN, J Purchasing Section NRC-03-79-146 80/03/10 1p
- 8003270145 Mod 1 extending period of performance to 800630, to "Review of San Onofre Units 2 & 3 Slip Rate Vs Magnitude Study " HARGETT, D J Division of Contracts NRC-03-79-146, 80/03/10 1p
- 8003280138 Notification of contract execution, Mod 2 to "Photographic Svcs " Contractor MD Color Photo WIGGINS, E Administrative Contracts Branch NRC-10-79-377 80/02/26 1p
- 8003280142 Mod 2 increasing ceiling amount, to "Photographic Svcs " MATTIA, M J Administrative Contracts Branch NRC-10-79-377 80/02/26 1p
- 8003280179 Notification of contract execution, Mod 4 to "Conduct Special Inquiry into Incident at TMI-2 " Contractor Rogovin, Stern & Hugs MORTON, K V Research Contracts Branch NRC-10-79-659 80/03/04 1p
- 8003280181 Mod 4, expanding scope of work w/addl funding, to "Conduct Special Inquiry into Incident at TMI-2 " BICKWIT, L Research Contracts Branch ROGOVIN, M Rogovin, Stern & Hugs NRC-10-79-659 80/03/04 5pp
- 8003280340 Notification of contract execution, Mod 6 to "Study of Seismicity & Tectonics in New England " Contractor Boston College JACOBBS, A Research Contracts Branch FIN A-4056 NRC-04-74-238 80/03/03 1p
- 8003280353 Mod 6, extending performance period from 791031 to 801031 & adding funds & tasks, to "Study of Seismicity & Tectonics in New England " MORTON, K V Research Contracts Branch SMITH, J R Boston College FIN A-4056 NRC-04-74-238 80/03/03 4pp
- 8003280359 Notification of contract execution "Emergency Procedures Criteria for Nuclear Power Plant Operations," awarded to Small Business Administration Subcontracted to XYZYX Info Corp HENCZLER, W B Technical Assistance Contracts Branch FIN B-6872 NRC-03-80-118 80/02/21 1p
- 8003280363 Contract "Emergency Procedures Criteria for Nuclear Power Plant Operations," awarded to Small Business Administration Subcontracted to XYZYX Corp SACHS, J F Division of Contracts GOOD, R L Small Business Administration FIN B-6872 NRC-03-80-118 80/02/21, 130pp
- 8003280390 Notification of contract execution, Mod 2 to "Evaluation of Bulk Properties of Radwaste Glass & Ceramic Container Matls to Determine Long-Term Stability " Contractor Catholic Univ of America HAGEY, H Research Contracts Branch FIN B-6330 NRC-04-78-250 80/03/05 1p
- 8003280398 Mod 2, extending performance period from 791231 to 800315 at no cost, to "Evaluation of Bulk Properties of Radwaste Glass & Ceramic Container Matls to Determine Long-Term Stability " MORTON, K V Research Contracts Branch MURPHY, J J Catholic Univ FIN B-6330, NRC-04-78-250 80/03/05 2pp
- 8003280653 Notification of contract execution, Mod 7 to "Geologic Study of Low Level Radwaste Burial Site at West Valley, NY " Contractor Univ of State of NY, Albany HAGEY, H Research Contracts Branch FIN B-6008 NRC-04-77-169 80/03/14 1p
- 8003280662 Mod 7, adding no-cost extension for one yr, to "Geologic Study of Low Level Radwaste Burial Site at West Valley, NY " MORTON, K V Research Contracts Branch \* New York, State Univ of, (Albany) FIN B-6008 NRC-04-77-169 80/03/14 2pp
- 8003310394 Forwards notification of contract execution Mod 5, to "Two Phase Flow Phenomena in Nuclear Reactor Technology." MORTON, K V Research Contracts Branch FIN B-5873 NRC-04-76-301 80/01/15 1p.
- 8003310403 Notification of contract execution, Mod 5 to "Two Phase Flow Phenomena in Nuclear Reactor Technology " Contractor Rensselaer Polytechnic Inst JACOBBS, A Research Contracts Branch, FIN B-5873 NRC-04-76-301 80/02/12 1p
- 8003310462 Notification of contract execution, Mod 5 to "Commercial LMFBR Safety Study " Contractor UCLA JACOBBS, A Research Contracts Branch, FIN B-3019 NRC-04-76-246 80/02/19 1p
- 8003310475 Mod 5, extending period of performance to 800930 to "Commercial LMFBR Safety Study " MORTON, K V Research Contracts Branch PHILLON, H California, Univ of, Los Angeles FIN B-3019 NRC-04-76-246 80/02/19 2pp
- 8003310482 Notification of contract execution, Mod 7 to "Seismic Shear Transfer in Secondary Containment Vessels " Contractor, Cornell Univ HAGEY, H Research Contracts Branch, FIN B-5688, NRC-04-76-234 80/02/22 1p

# NONDOCKETED ITEMS

347

--8003310490 Mod 7, extending period of performance to 800331 & approving transfer of funds within budget to "Seismic Shear Transfer in Secondary Containment Vessels"  
MORTON, K V Research Contracts Branch ROGERS, T R Cornell Univ  
FIN B-5488 NRC-04-76-234 80/02/22 2pp

## FOIA FREEDOM OF INFORMATION ACT REQUESTS AND RELEASES

8002280419 Responds to FOIA request for memos, meeting summaries, transcripts & telcon records re Commission decision not to review appeal Forwards documents listed in App A Info partially withheld Documents 1 & 5-7 (ref FOIA Exemption 5)  
FELTON, J M Division of Rules and Records 80/02/15 3pp

8003030012 Responds to appeal re FOIA request for deleted portions from Vol III of NRC Feb 1978 rept, "Inquiry Into Testimony of Executive Director for Operations" Appeal denied due to CIA decision that info should be classified  
CHILK, S J Office of the Secretary of the Commission 80/02/20 1p

8003030015 Appeals denial of FOIA request for deleted portions from Vol III of NRC rept, "Inquiry Into Testimony of Executive Director for Operations" Requests that stds in Executive Order 12065 be used in review  
FIALKA, J J Washington Star 78/08/09 1p

8003030029 Responds to FOIA request for deleted portions from Vol III of rept, "Inquiry Into Testimony of Executive Director for Operations" Info partially withheld classified portions (ref FOIA Exemption 1) CIA is reviewing classified info  
FELTON, J M Division of Rules and Records 78/08/07 1p

8003030034 FOIA request for deleted portions from Vol III of rept, "Inquiry Into Testimony of Executive Director for Operations," released in Feb 1978  
FIALKA, J J Washington Star 78/05/12 1p

8003040340 Responds to appeal re FOIA request for Sargent & Lundy Engineers rept, "Economic Evaluation of Alternatives" Confidentiality must be based on contents of document Document is proprietary & withheld (ref FOIA Exemption 4)  
DIRCKS, H J Office of Nuclear Material Safety & Safeguards 80/02/26 3pp

8003040346 Forwards appeal re denial of FOIA request for Sargent & Lundy Engineers rept, "Economic Evaluation of Alternatives" Requests that NRC reverse decision due to inadequate reasons for document exemption  
WOLIVER, J Legal Aid Society of Clermont County, OH 80/01/19 5pp

8003040660 FOIA request for Kemeny Commission Rept & other nuclear energy expert repts  
GUBECK, T Affiliation Unknown 80/02/04 1p

8003040665 Responds to FOIA request for Kemeny Commission Rept Rept may be purchased from US Govt Printing Ofc Forwards "Rogovin Rept on Incident at TMI" W/o encl  
FELTON, J M Division of Rules and Records 80/02/27 1p

8003050073 Transcript of 800220 Affirmation Session 80-7 in Washington, DC Pp 1-3  
\* Commission 80/02/20 4pp

--8003050095 SECY-80-064  
Forwards documents re disposition of PASNY FOIA appeal, filed 790615 Draft ltr to util encl  
BICKWIT, L Office of the General Counsel 80/02/01 2pp

--8003050103 FOIA request for 790314 memo from Gibben to Bradford & 790319 memo from Bradford to Thompson  
PRATT, C M Power Authority of the State of New York 79/06/15 5pp

--8003050128 SECY-79-296A  
Proposes denial of Fialka FOIA appeal based upon CIA review  
BICKWIT, L Office of the General Counsel 80/01/24 2pp

--8003050133 SECY-79-296  
Proposes denial of Fialka FOIA appeal Draft responses encl  
KELLEY, J L Office of the General Counsel 80/01/24 6pp

--8003050135 Notices that CIA has again reviewed info re Fialka FOIA appeal CIA 800102 ltr advises that info remains classified & must be denied from public disclosure  
BRADY, R J Division of Security 80/01/11 5pp

8003050231 Supplements NRC 800128 response to FOIA request Addl info located after 800128 Forwards documents listed in App A Documents 4 & 5 partially withheld legal advice (ref FOIA Exemption 5)  
FELTON, J M Division of Rules and Records 80/02/22 3pp

--8003050264 Confirms 720718 discussion re disposition of documents & equipment used by JM Hendrie while serving on ACRS BNL should retain SARs for facilities with DLs were granted Submits list of info that should be sent to Hendrie  
HENDRIX, V V Atomic Energy Commission 72/07/19 4pp

8003050319 Provides further response to FOIA requests for documents re NRC consideration of licensing facility & transcripts concerning closed Commission meetings Transcripts partially withheld (ref FOIA Exemption 1)  
FELTON, J M Division of Rules and Records 80/02/28 1p

8003060353 FOIA request for matls used in Commission 791214 meeting, documents re NRC consideration of licensing of NFS Erwin nuclear fuel facility & documents concerning closed Commission 800116 meeting  
COCHRAN, T B Natural Resources Defense Council 80/01/17 1p

8003060370 Submits partial response to FOIA requests for matls re Commission 791214 & 800116 meetings & info re NFS Erwin nuclear fuel facility licensing App A documents in PDR Documents of App B withheld (ref FOIA Exemptions 1, 4 & 5)  
FELTON, J M Division of Rules and Records 80/02/08 4pp

8003060370 Submits partial response to FOIA requests for matls re Commission 791214 & 800116 meetings & info re NFS Erwin nuclear fuel facility licensing App A documents in PDR Documents of App B withheld (ref FOIA Exemptions 1, 4 & 5)  
FELTON, J M Division of Rules and Records 80/02/08 4pp

--8003060386 Summary of 791214 meeting in Washington, DC re NRC regulation of highly enriched U operations at Nuclear Fuel Svcs facility, Erwin, TN  
CHILK, S J Office of the Secretary of the Commission 79/12/17 1p

--8003060396 Discusses DOE interest in Commission deliberations re future operation of NFS Erwin, TN facility Requests that SECY-79-650A, "NRC Regulation of Highly Enriched U Operations at NFES-Erwin," be forwarded to DOE for comment  
KENNEDY, R T Commission 80/01/04 1p

--8003060411 Discusses request for hearing re NFS Erwin, TN facility by NRDC Pace at which facility attains 100% throughput should be fast enough to satisfy Navy Recommends meeting be held to develop schedule or articulate basis for rejecting request  
BRADFORD, P A Commission 80/01/17 1p

--8003060414 Summary of 800117 meeting w/representatives of Oil, Chemical & Atomic Intl Union in Washington, DC re NFS facility in Erwin, TN & financial relief  
CHILK, S J Office of the Secretary of the Commission 80/01/25 1p

--8003060419 Forwards amend fee in response to NRC 791123 request  
MICHEL, C J Nuclear Fuel Services, Inc (subs of Getty Oil Co) 14645 79/12/05 1p

--8003060430 Forwards Revision 17 to Jan 1980 NFS physical protection plan Document withheld (ref 10CFR2 790) DOE 800107 ltr & list of addl physical protection requirements for resumption of operations encl  
MICHEL, C J Nuclear Fuel Services, Inc (subs of Getty Oil Co) 80/01/15 4pp

--8003060434 Recommends that provision to insure access to NFS data be included in new set of license conditions imposed on NFS Data includes computer listing of inventory results & any changes in facility operating characteristics  
SHERR, T S Material Control & Accountability Development Branch 79/11/01 3pp

8003060437 Responds to FOIA request for info re facility security, 740321 overexposure incident, 791209 radioactive water release & 791204 sabotage attempt Forwards documents listed in App A No document available re grand jury inquest  
FELTON, J M Division of Rules and Records 80/02/21 3pp

8003110341 FOIA request for info re implementation of FOIA for obtaining info from NRC  
ROBE, C H General Electric Co 80/02/21 1p

## NONDOCKETED ITEMS

8003110346 Responds to FOIA request for procedures for obtaining FOIA info from NRC Forwards applicable NRC rules & regulations  
W/o encl  
FELTON, J M Division of Rules and Records 80/03/05 1p

8003110294 FOIA request for documents re identity & location of nuclear waste sites in MI, including dates sites were receiving waste, waste source & info re nuclear contamination escaping from sites  
BONCHER, F J Schenk & Boncher 80/01/31 1p

8003140063 Responds to FOIA request for TRW Energy Sys winning proposal submitted in response to RFP RS-MPA-79-353, "Evaluation of Eleven MPA Info Products " Forwards nonproprietary version of proposal W/o encl  
FELTON, J M Division of Rules and Records 80/03/04 1p

8003140069 FOIA request for TRW Energy Sys winning proposal submitted in response to RFP RS-MPA-79-353, "Evaluation of Eleven MPA Info Products "  
WEISS, J F JWK International Corp 80/02/12 1p

8003140377 FOIA request for TRW Energy Sys winning technical proposal submitted in response to RFP-MPA-79-353, "Evaluation of Eleven MPA Info Products "  
PEVENSTEIN, J E NUSAC, Inc 80/02/07 1p

--8003140403 Responds to FOIA request for TRW Energy Sys winning technical proposal in response to RFP-MPA-79-353, "Evaluation of Eleven MPA Info Products " Forwards non proprietary version of technical proposal W/o encl  
FELTON, J M Division of Rules and Records 80/03/04 1p

8003140455 Responds to FOIA request for info re Clamshell Alliance & organizations or individuals opposed to nuclear power "Special Rept." was originated by GSA Forwards memo re possible demonstrations at NRC bldgs  
FELTON, J M Division of Rules and Records 80/03/07 1p

8003190043 FOIA request for info re NRC activities re evacuation plan requirements, number of individuals & organizations that filed FOIA requests in last three yrs & organizations & individuals NRC has transmitted info to re FBI &/or CIA  
GANNIS, S , Affiliation Unknown 80/01/27 1p

--8003190050 Responds to FOIA request for info re NRC activities including evacuation plan requirements & number of individuals & organizations that filed FOIA requests in last three yrs Forwards documents listed in App A  
FELTON, J M Division of Rules and Records 80/03/07 6pp

003190310 FOIA request for Honeywell, Inc license application for smoke detector device  
HENDRICKSON, L Amersham Corp 80/01/30 1p

8003190321 Responds to FOIA request for Honeywell, Inc license application for smoke detector device Forwards license application  
FELTON, J M Division of Rules and Records 80/02/27 1p

--8003190339 Ack receipt of application for renewal of License 12-12267-03E License will not expire until final action has been taken by NRC  
COHBS, F Radioisotopes Licensing Branch (Pre 790801) 78/06/22 1p

--8003190350 Requests amend to License 12-12267-03E to enable distribution of smoke detectors w/sensing chambers w/hole arrangement Forwards two prints illustrating hole arrangement & amend fee Prints only encl  
KAUFMAN, B R Honeywell, Inc 97018 78/10/11 3pp

--8003190359 Forwards application requesting revision & renewal of Licenses 12-12267-02 & 12-12267-03E Amends permit mfg & distribution of smoke detectors using lower activity sources mfg by div in MN Fee encl  
KAUFMAN, B R Honeywell, Inc 94899 78/05/23 3pp

--8003190371 Application for renewal of Matl/Byproduct License 12-12267-02 authorizing SR Kaufman as radiation protection officer & C Furmanski & K Hetherington as users of Am-241 rolled sealed source in smoke detectors  
BROWN, D Honeywell, Inc 94899 78/05/30, 17pp

--8003190379 Application for renewal of Matl/Byproduct License 12-12267-03E authorizing SR Kaufman as radiation protection officer & C Furman & K Hetherington as users of Am-241 rolled sealed sources in smoke detectors.  
BARON, D Honeywell, Inc 94899 78/05/30 23pp.

--8003190389 Submits request for additions & changes to supporting documentation covered w/original application for License 12-12267-03E Includes changes re source holder ionization chamber & annual distribution JE Johnson 751215 ltr encl  
FLECK, H W Honeywell, Inc 80002 76/01/05 4pp

--8003190397 Responds to 750714 request for amend to License 12-12267-03E Amends do not affect license, since license does not authorize possession of byproduct matl Amend info is under review for License 12-12267-02  
COLLINS, D M Atomic Energy Commission 75/09/26 1p

--8003190406 Forwards request for four amends to License 12-12267-03 re mfg & distribution of smoke detector devices List license amends to be made  
FLECK, H W Honeywell, Inc 57488 75/07/14 1p

--8003190414 Application to amend Matl/Byproduct Licenses 12-12267-03E & 12-12267-02, authorizing HW Fleck as radiation & protection officer & C Furmanski & RS Hetherington as users of Am-241  
MOE, P R Honeywell, Inc 57488 75/07/14 5pp

--8003190424 Forwards notice of issuance of License 12-12267-03E & summary statement for publication in FR  
MALARD, J C Atomic Energy Commission, Directorate of Licensing 73/09/04 1p

--8003190432 Notice of issuance & availability of Byproduct/Matl License 12-12267-02E Summary statement encl  
MALARD, J C Atomic Energy Commission, Directorate of Licensing 73/09/04 3pp

--8003190438 Safety evaluation for license issued to Honeywell, Inc authorizing distribution of Model TC 100A fire detectors  
\* Atomic Energy Commission, Directorate of Licensing 73/09/04 3pp

--8003190444 Responds to 730322 application for license to distribute smoke detectors to persons exempt from requirements for license Submits addl info required before evaluation of smoke detector devices can be completed  
DIANNELLI, J M Atomic Energy Commission, Directorate of Licensing 73/06/27 2pp

--8003190450 Forwards application fee for byproduct matl licenses for mfg & distribution of Model TC100A ionization smoke detectors  
LARSEN, L D Honeywell, Inc 73/04/17 1p

--8003190454 Ack receipt of 730322 application for byproduct/matl license to mfg & distribute Honeywell Model TC100A ionization smoke detectors Application will require issuance of Categories 3A & 3E fees Requests payment  
MILLER, W D Atomic Energy Commission 73/03/31 1p

--8003190461 Responds to NRC 730726 questions re palladium in Amersham foil, alarm of Honeywell unit & QA procedures at Honeywell Forwards Honeywell instrument sensitivity calculations  
JOHNSON, J E Johnson, J E 3145, 73/07/31 3pp

--8003190471 Responds to 730627 request for addl info for byproduct/matl license application Forwards info re calculated exposure constant max external radiation levels & matl specs for labeling Info may be added to license application as App B  
LARSEN, L D Honeywell, Inc. 2866 73/07/13 12pp

--8003190477 Forwards license applications for byproduct/matl licenses for mfg & distribution of Model TC100A ionization smoke detectors & one prototype TC100A detector Distribution license only encl  
LARSEN, L D Honeywell, Inc 35881 73/03/22 1p

--8003190486 Application for Matl/Byproduct License 12-12267-01, authorizing QS Rye as radiation protection officer & QS Rye & LD Larsen as users of Am-241 in sealed sources of Model TC100A ionization smoke detector  
\* Honeywell, Inc 35881 73/03/22 2pp

--8003190493 Notifies that License 22-01870-14E is amended to add Model CD400 smoke detector Model is identical to Model TC89 w/exception of addl battery & light  
JONES, J A Atomic Energy Commission, Directorate of Licensing 79/10/17 1p

--8003190502 Requests payment of fee re 790608 request for amend to Byproduct/Matl License 22-01870-14E Application will be sent to licensing personnel upon receipt of fee  
JACKSON, G License Fee Management Branch 79/07/02. 1p.

# NONDOCKETED ITEMS

349

- B003190506 Notifies NRC of new Model CD400 smoke detector New model is present TC89 battery model w/addl 9 volt battery & light  
LEWIS,C E Honeywell, Inc 79/06/08 1p
- B003190511 Requests amend to License 22-01870-14E to remove from labels any ref to returning detectors to Honeywell for repair or disposal Forwards amend application fee Five drawings encl  
LEWIS,C E Honeywell, Inc 79/11/28 5pp
- B003190524 Forwards applications to amend Mfg License 22-01870-13 & Distribution License 22-01870-14E to add new mfg & distribution location for present smoke detectors w/o encls  
LEWIS,C E Honeywell, Inc 79/11/03 1p
- B003190543 Requests amend to Distribution License 22-01870-14E to store & distribute completed smoke detectors at Golden Valley Distribution Plymouth, MN Fee encl  
LEWIS,C E Honeywell, Inc 78/11/03 1p
- B003190555 Responds to NRC 780814 telcon re Honeywell application to use Eberline DNS-5A in smoke detectors Describes use of americium nitrate & chemical vapor deposition process "Handbook of Thin Film Technology" encl  
GEIGER,E L Eberline Instrument Corp EI-916455 78/08/17 10pp
- B003190563 Discusses Honeywell application to use Eberline Model DNS-5A in smoke detectors Provides details re molecular deposition of americium hydroxide & chemical vapor deposition  
GEIGER,E Eberline Instrument Corp 78/08/11 1p
- B003190570 Requests priority consideration of Honeywell 780711 data, due to NRC delay in responding to Eberline 770531 application to reinstate Model DNS-5A license Smoke detector project stopped by NRC delays  
GEIGER,E L Eberline Instrument Corp 78/07/28 1p
- B003190577 Responds to NRC 780307 request for info re use of Eberline sources DNS-5A in Licenses 22-01870-13 & 22-01870-14E Info includes test data, procedures & foils used in tests Source in field will be coated w/silicone oxide  
LEWIS,C E Honeywell, Inc 78/07/11 59pp
- B003190580 Notifies that 770531 application for byproduct/mat'l license will be withdrawn if addl info requested is not provided within 30 days  
JONES,J A Radioisotopes Licensing Branch (Pre 790501) 78/06/26 1p
- B003190587 Requests addl info & clarification of test data in order to consider 770531 application to amend License 22-01870-14E to reinstate use of Eberline Corp Model DNS-5A source Review will continue upon receipt of info  
JONES,J A Radioisotopes Licensing Branch (Pre 790501) 78/03/09 3pp
- B003190590 Forwards test results test data & tests performed on Eberline DNS-5A sources re application to reinstate use of DNS-5A source in Licenses 22-01870-13 & 22-01870-14E  
LEWIS,C E Honeywell, Inc 87743 77/05/31 12pp
- B003190667 Informs that Amend 11 to License 22-01870-14E authorizes deletion of "B" from smoke detector Model TC89B Model 2 & distribution of TC49 Model 3, TC87 Model 2, & TC489, as Models CD100, 200 & 300, respectively  
JONES,J A Radioisotopes Licensing Branch (Pre 790501) 78/04/27 1p
- B003190674 Ack receipt of 780404 ltr informing NRC of alternate bulk pack for TC 49 Model 3, TC 89 Model 2 & TC 489 smoke detectors Info will be made part of record re Mat'l License 22-01870-14E  
BROWN,J M Radioisotopes Licensing Branch (Pre 790501) 78/04/24 1p
- B003190680 Requests addition of extra pack to approved std bulk pack to enable use for export Compartments will be made for each detector w/dividers Minor change does not warrant amend request  
LEWIS,C E Honeywell, Inc 94033 78/04/04 1p
- B003190684 Requests removal of "B" from smoke detector Model TC89B Model 2 & new set of model numbers for over-the-counter smoke detectors  
LEWIS,C E Honeywell, Inc 92701 78/01/09 2pp
- B003190689 Provides detailed description of Amend 10 to License 22-01870-14E issued to Honeywell, Inc authorizing distribution of Models TC 49 Model 3, TC 89B Model 2 & TC489 & use of two single-source plate assemblies  
BROWN,J M Radioisotopes Licensing Branch (Pre 790501) 78/12/27 2pp
- B003190695 Clarifies 770623 application re amount of Am-241 stored or in process at facilities Max amount of Am-241 should read 1.76 Ci instead of 1.0 Ci  
LEWIS,C E Honeywell, Inc 77/11/01 1p
- B003190701 Requests use of foil sources 192086 singularly in plate-source 192377 to produce single-source plate assembly 192377A Single-source assemblies will enable matching sources in-house for higher quality chamber, Drawings encl  
LEWIS,C E Honeywell, Inc 77/09/07 3pp
- B003190704 Requests that Pages 1-42 to 770623 amend of License 22-01870-14E be replaced Missing pages caused by apparent oversight  
LEWIS,C E Honeywell, Inc 77/07/05 1p
- B003190708 Forwards request to amend License 22-01870-14E to distribute three new smoke detectors TC49 Model 3, TC89B Model 2, TC 489  
LEWIS,C E Honeywell, Inc 77/06/23 1p
- B003190715 Forwards application to amend License 22-01870-13 & 22-01870-14E to enable mfg of three new smoke detector models & to add new mfg location in Golden Valley, MN  
LEWIS,C E Honeywell, Inc 77/06/23 1p
- B003190720 Application to amend licenses 22-01870-13 & 22-01870-14E to enable mfg of three new smoke detector models & add new mfg location in Golden Valley, MN  
\* Honeywell, Inc 77/06/23 42pp
- B003190725 Responds to 770415 ltr re labeling of smoke detectors distributed under License 22-01870-14E NRC requires that vendor label each fire detector to enable identification of mfg & byproduct mat'l used in product  
BELL,J M Radioisotopes Licensing Branch (Pre 790501) 77/05/02 1p
- B003190730 Discusses acceptable practices for labeling smoke detectors w/retailer name Requests confirmation that NRC allows retailer to act as collection agent for manufacturer whose license number only appears on detector  
LEWIS,C E Honeywell, Inc 77/04/15 1p
- B003190735 Safety evaluation supporting amend to License 22-01870-14E issued to Honeywell, Inc authorizing distribution of Model TC89B ionization-type smoke detector to persons exempt from licensing  
BELL,J M Radioisotopes Licensing Branch (Pre 790501) 77/02/25 4pp
- B003190742 Application to change Amend 6 of License 22-01870-14E re labeling of TC49 Model 2 Requests that two underwriter's labels & Honeywell label be combined Drawings encl  
LEWIS,C E Honeywell, Inc 88568 77/03/23 5pp
- B003190747 Requests permission to use metal static shield to improve Model TC89B Testing on TC89B was performed w/o metallic electrostatic shielding  
LEWIS,C E Honeywell, Inc 77/02/14 1p
- B003190753 Discusses NRC decision denying use of Eberline plated sources Based on previous NRC approval, company began expensive program to develop equipment to produce high vol plated low cost sources  
LEWIS,C E Honeywell, Inc 77/02/09 1p
- B003190761 Informs NRC that no Eberline DNS-54 plated sources have been used or will be used in TC49 Model 2 smoke detector More detailed data for DNS-54 source will be supplied upon request  
LEWIS,C E Honeywell, Inc 77/01/28 1p
- B003190766 Requests complete application proposing distribution of Model TC89B Info needed to establish suitability of DNS-5A source for use in product Sample safety evaluation encl  
BELL,J M Radioisotopes Licensing Branch (Pre 790501) 77/01/27 8pp
- B003190773 Requests supporting documentation for Eberline Model DNS-5A foil used in mfg of smoke detectors to complete safety analysis for smoke detector applications  
SINGER,B Radioisotopes Licensing Branch (Pre 790501) 78/11/20 3pp



## NONDOCKETED ITEMS

- 8003190779 Request to amend License 22-01870-14E to label TC49 Model 2 on front instead of back Diagrams encl  
LEWIS, C E Honeywell, Inc 8/26/0 76/08/16 5pp
- 8003190786 Requests amend to licenses 22-01870-13 & 22-01870-14E to allow use of electroplated foils Model DNS-54A, produced by Eberline Corp Forwards supporting documentation  
LEWIS, C E Honeywell, Inc 76/08/14 21pp
- 8003190791 Forwards applications to amend Licenses 22-01870-13 & 22-01870-14E for smoke detectors Requested amend changes will make smoke detectors safer & more useful to public  
LEWIS, C E Honeywell, Inc 76/01/21 1p
- 8003190801 Submits application to amend License 22-01870-14E to distribute smoke detector as exempt device to general public Lists major changes requested  
LEWIS, C E Honeywell, Inc 76/01/21 33pp
- 8003190807 Requests amend to License 22-01870-14E to permit use of Amersham Searle foil Model AMM as second source for procurement & to allow building of TC49 w/o w/o cover interlock switch for deactivating circuit  
LEWIS, C E Honeywell, Inc 58841, 75/10/02 4pp
- 8003190813 Forwards proposed prints changing color & printing of label for License 22-01870-14E Result would be new white label w/black printing  
LEWIS, C E Honeywell, Inc 75/07/09 3pp
- 8003190819 Requests withdrawal of 750108 request to amend License 22-01870-13 New improved model will be introduced & amend will not be needed  
LEWIS, C E Honeywell, Inc 75/04/29 1p
- 8003190825 Requests info re progress on amends to Licenses 22-01870-13 & 22-01870-14E  
LEWIS, C E Honeywell, Inc 75/02/17 1p
- 8003190832 Forwards applications to amend Licenses 21-01870-14E & 22-01870-13  
LEWIS, C E Honeywell, Inc 54108 75/01/10 1p
- 8003190836 Requests amends to License 22-01870-13 to assemble modules per print Number 118637B Provides detailed description of module assembly  
LEWIS, C E Honeywell, Inc 54108 75/01/08 2pp
- 8003190845 Requests amends to License 22-01870-14E including changes to potentiometer grounding plate inside cover, insulator & heat sensors Supporting documentation encl  
LEWIS, C E Honeywell, Inc 54111 75/01/08 14pp
- 8003190851 Forwards notice of issuance of License 22-01870-14E for publication in FR  
BENDER, P O Atomic Energy Commission 74/09/13 1p
- 8003190856 Notice of issuance of Byproduct/Matl License 22-01870-14E authorizing distribution of fire detectors to persons exempt from requirements for license  
SINGER, B Atomic Energy Commission 74/09/11 2pp
- 8003190860 Forwards notice of issuance of Byproduct/Matl License 22-01870-14E & summary statement for publication in FR  
SINGER, B Atomic Energy Commission 74/09/11 1p
- 8003190864 Notice of issuance of Byproduct/Matl License 22-01870-14E to Honeywell, Inc Summary statement encl  
SINGER, B Atomic Energy Commission, Directorate of Licensing, 79/09/11 3pp
- 8003190869 Provides suppl info supporting application for smoke detector distribution license includes detailed info re instrument sensitivity calculations  
LEWIS, C E Honeywell, Inc 74/09/06 5pp
- 8003190874 Submits suppl info re smoke detector distribution license in response to NRC 740821 request Provides detailed info concerning content & leakage control.  
LEWIS, C E Honeywell, Inc 74/08/22 3pp
- sts issuance of license to distribute TC49A ionization  
Product availability is significant & needed  
safety codes Initial application provided ample  
re issuance  
Honeywell, Inc 74/08/02 1p,
- 8003190887 Requests notification of receipt of package containing two application books for byproduct distribution & byproduct mfg licenses & one model of TC49A Honeywell smoke detector sent on 740401  
LEWIS, C E Honeywell, Inc 74/04/23 1p
- 8003190895 Application for Matl/Byproduct Licenses 22-01870-11 & 22-01870-10E, authorizing CE Lewis as radiation protection officer & user of Am-241 in ion chambers of smoke detectors  
LEWIS, C E Honeywell, Inc 74/03/29 4pp
- 8003190550 Notices of Amend 12 to License 22-01870-14E issued to Honeywell, Inc Amend reinstates authority to use Eberline Model DNS-5A plated source in mfg of smoke detectors  
JONES, J A Radioisotopes Licensing Branch (Pre 790501) 78/10/04 2pp
- 8003200313 FOIA request for M Plessat, ACRS, 800211 ltr to JF Ahearn re NRC actions in light of TMI  
GLASBERG, V M Hirschkop & Grad P C 80/02/27 1p
- 8003200314 Responds to FOIA request for M Plessat, ACRS, 800211 ltr to JF Ahearn re NRC actions in light of TMI Forwards documents listed in App A  
FELTON, J M Division of Rules and Records 80/03/07, 2pp
- 8003200508 FOIA request for contract solicitation NRC-17-80-448-01 & NRC-17-80-448-02 & bid abstracts for each contract  
BASBFORD, M H All American Reporting Service 80/02/15 1p
- 8003200513 Responds to FOIA request for contract solicitations NRC-17-80-448-01 & NRC-17-80-448-02 & bid abstracts for each contract Forwards contracts & bid abstracts Requests payment of reproduction costs  
FELTON, J M Division of Rules and Records 80/03/03 14pp
- 8003200518 Acceptance of bid for Lot 2, "Stenographic Reporting Svcs"  
MATTIA, M J Division of Contracts NRC-17-80-448 80/01/18 4pp
- 8003200529 Extends bid acceptance period until 800131 for bid on LOTS 1 & 2 submitted under NRC invitation for Bid (IFB) RS-SEC-79-350, "Stenographic Reporting Svcs"  
SHARP, I H Alderson Reporting, NRC-17-80-448 79/12/07 1p
- 8003200542 Responds to NRC 790913 ltr Verifies bids for LOTS 1 & 2, submitted under NRC invitation for Bid (IFB) RS-SEC-79-350 Affidavit encl  
SHARP, I H Alderson Reporting, NRC-17-80-448, 79/09/20 2pp
- 8003200549 Solicitation RS-SEC-79-350  
\* Division of Contracts NRC-17-80-448 79/08/14 141pp
- 8003200585 FOIA request for winning proposal & evaluation results of proposals submitted in response to RFP RS-MPA-79-353, "Evaluation of Eleven MPA Info Products"  
PAIQE, A R Computer Engineering Associates, Inc 79/12/04 1p
- 8003200594 Responds to AR Paige FOIA request for winning proposal & evaluation results of proposals submitted in response to RFP RS-MPA-79-353, "Evaluation of Eleven MPA Info Products"  
Forwards requested document  
FELTON, J M Division of Rules and Records 80/03/04 1p
- 8003200602 RFP RS-MPA-79-353, "Evaluation of Eleven MPA Info Products"  
Describes data analysis methods & approaches for designated info products Excerpts from NUREG/CR-0217 & 0387 encl  
\* TRM, Inc, Energy Systems Planning Div RS-MPA-79-353 79/08/02, 161pp.
- 8003210023 FOIA request for proposal, RFP RS-NMS-79-045, "Licensing Assistance/Socioeconomic Impacts Evaluation,"  
PARKER, L T Teknekron, Inc 79/11/21 1p
- 8003210028 Responds to LT Parker 791125 FOIA request for RFP RS-NMS-79-045, "Licensing Assistance/Socioeconomic Impacts Evaluation" Forwards requested document  
FELTON, J M Division of Rules and Records 80/02/20 1p.
- 8003210031 Response to RFP RS-NMS-79-045, "Licensing Assistance/Socioeconomic Impacts Evaluation" Describes technical approach, outlines of proposed program for achieving objectives & related past experience or knowledge.  
GOLE, R L, STERLING, A, Social Research Applications Corp RS-NMS-79-045 79/05/14, 30pp.

# NONDOCKETED ITEMS

351

- 8003210037 Response to RFP RS-NMS-79-045, "Licensing Assistance/ Socioeconomic Impacts Evaluation " Describes work requirements, interpretation & difficulties & related experience in sparsely populated areas  
MOORE, K D, HAMMOND, D M Denver, Univ of RS-NMS-79-045 79/05/25 52pp
- 8003210042 Response to RFP RS-NMS-79-045, "Licensing Assistance/ Socioeconomic Impacts Evaluation " Describes problem, approach, tasks & methods, mgt & relevant prior experience in sparsely populated areas  
\* Resource Communities, Inc RS-NMS-79-045 79/05/29 51pp
- 8003210046 Response to RFP RS-NMS-79-045, "Licensing Assistance/ Socioeconomic Impacts Evaluation " Describes technical approach in assessing effects of proposed action on human environ & related experience  
\* Midwest Research Institute \* Wirth Associates, Inc RS-NMS-79-045 79/05/14 137pp
- 8003240338 Responds to FOIA request for cost estimates incurred in administering FOIA requests for 1978 Forwards requested cost estimate info w/o encl  
FELTON, J M Division of Rules and Records 80/03/19 2pp
- 8003240343 FOIA request for cost estimates incurred in administering FOIA requests for 1978  
HARRIS, D Affiliation Unknown 80/03/06 1p
- 8003260057 FOIA request for J Francis preceptorship & application for licensing J Francis is associated w/Borgess Medical Ctr in Kalamazoo, MI  
ROBE, C H General Electric Co 80/02/21 1p
- 8003260067 Responds to FOIA request for J Francis preceptorship & licensing application Forwards requested documents info partially withheld patients' names & history numbers (ref FOIA Exemption 6)  
FELTON, J M Division of Rules and Records 80/03/13 1p
- 8003260063 Application for amend of Matl/Byproduct License 21-12275-02 authorizing JE Francis to use &/or supervise use of I-131 for treatment of hyperthyroidism & P-32 as soluble phosphate for treatment of polycythemia vera & leukemia  
FRANCIS, J E Borgess Hosp Kalamazoo, MI 80/01/21 57pp
- 8003260094 FOIA request for documents re shipment of spent nuclear fuel from foreign sources to Savannah River plant  
REYNOLDS, W American Friends Service Committee 79/10/28 1p
- 8003260098 Further response to FOIA request for documents re shipment of spent nuclear fuel from foreign sources to Savannah River plant Forwards documents listed in Apps A & B info partially withheld in App B documents (ref FOIA Exemption 4)  
FELTON, J M Division of Rules and Records 80/03/17 3pp
- 8003260101 Requests that NRC postpone approval of transport routes under new guidelines until local public hearings are held Concerned that Portsmouth, VA might become only port of entry for high level radwaste shipments by sea  
GRAYSON, G W Virginia, State of 79/07/13 1p
- 8003260107 Forwards G Knebel 790725 ltr re designation of US as dumping ground for foreign nuclear waste Requests comments Jacksonville News 790924 article re receipt of foreign nuclear waste encl  
WHITLEY, C D House of Rep 79/08/02 3pp
- 8003260114 Forwards M Johnstone & JW Avery request for hearing in Tidewater region re nuclear transportation route from Portsmouth, VA to Savannah River, SC Requests comment  
BYRD, H F Senate 79/07/19 6pp
- 8003260136 Forwards data sheets for Portsmouth, VA to Savannah River, SC radwaste shipment route. Requests comments re usefulness & accuracy w/o encl  
BLACK, H Physical Security Licensing Branch 79/07/05 1p
- 8003260146 Requests irradiated reactor fuel transport route approval & states that transports will be conducted in accordance w/ applicable requirements info partially withheld (ref FOIA Exemption 4)  
MANOUSI, J Transnuclear, Inc 79/07/13 3pp
- 8003260160 Supplements 790713 request for irradiated fuel transport route approval Requests that info be withheld (ref 10CFR2 790) info partially withheld (ref FOIA Exemption 4)  
JOSEPHS, B Transnuclear, Inc 79/07/20 1p
- 8003260477 FOIA request for winning proposal for NRC RFP RS-NRR-80-117, "Study of Requirements for Operator Licensing"  
METROP System Development Corp 80/02/22 1p
- 8003260485 Responds to FOIA request for winning proposal for NRC RFP RS-NRR-80-117, "Study of Requirements for Operator Licensing" No contract has been awarded, therefore no documents are available per request  
FELTON, J M, Division of Rules and Records 80/03/19 1p
- 8003280651 FOIA request for all info re meetings between NRC Div of Safeguards or Field Operations & Private Security Advisory Council  
POWER, D F Affiliation Unknown 80/01/14 2pp
- 8003280665 FOIA request on behalf of UCS for memos, work plans, data & documents produced by NRC to formulate action plan on implementation of TMI lessons learned & Kemeny Commission Rept  
WEISS, E R Sheldon, Harmon & Weiss 79/12/12 1p
- 8003310047 Responds to FOIA request for changes to NRC IE Manual beginning w/Change Notice 79-24 to present Forwards released portions of IE Manual Change Notices 79-24, 79-25, 80-01, 80-02 & 80-03  
FELTON, J M Division of Rules and Records 80/03/24 1p
- 8003310052 IE Change Notice 79-24  
\* Office of Inspection & Enforcement, Office of the Director 79/12/31 1p
- 8003310053 Temporary Instruction TI 2512/5, "Procedure for Independent Assessment Destructive Testing"  
\* Office of Inspection & Enforcement, Office of the Director 79/12/01 5pp
- 8003310055 Temporary Instruction TI 2515/31, "Licensee Mgt Meetings"  
\* Office of Inspection & Enforcement, Office of the Director 79/12/31 4pp
- 8003310057 IE Change Notice 79-25, revising Manual Chapter 0537  
\* Office of Inspection & Enforcement, Office of the Director 79/12/31 12pp
- 8003310061 IE Change Notice 80-01  
\* Office of Inspection & Enforcement, Office of the Director 80/01/11 1p
- 8003310066 Temporary Instruction TI 2515/32, "Insp Requirements to Review Licensee Small Break LOCA Procedures"  
\* Office of Inspection & Enforcement, Office of the Director 80/01/11 14pp
- 8003310070 IE Change Notice 80-02  
\* Office of Inspection & Enforcement, Office of the Director 80/02/07 2pp
- 8003310073 Temporary Instruction TI 2515/33, "Insp Requirements for Resident Insp Program (NC 25XX)"  
\* Office of Inspection & Enforcement, Office of the Director 80/02/01 114pp
- 8003310076 IE Change Notice 80-03  
\* Office of Inspection & Enforcement, Office of the Director 80/02/29 1p
- 8003310077 Temporary Instruction TI 1200/2, "Inspector Feedback"  
\* Office of Inspection & Enforcement, Office of the Director 80/02/29 1p
- 8003310080 Temporary Instruction TI 1210/1, "Safety Instructions Received During Insps"  
\* Office of Inspection & Enforcement, Office of the Director 80/02/29 1p
- 8003310083 Temporary Instruction TI 1250/2, "IE Investigative Program"  
\* Office of Inspection & Enforcement, Office of the Director 80/02/29 3pp
- 8003310049 FOIA request for released portions of IE Manual Change Notices, beginning w/79-24 to present.  
JOHNSON, J M Carolina Power & Light Co DQA-80-48 80/02/19 1p
- 8003310090 Responds to FOIA requests for documents re plant safety identified by accession & rept number, author, description & number of pages Forwards documents listed in App A Documents 5 & 26 partially withheld (ref FOIA Exemption 4)  
FELTON, J M Division of Rules and Records 80/03/09 8pp

## NONDOCKETED ITEMS

--8003310101 NUREG/CR-0318

"Data Rept for NRC/PNL Halden Assembly IFA-431 "  
HANN, C R , BRADLEY, E R , CUNNINGHAM, M E Battelle Memorial  
Institute, Pacific Northwest Laboratory PNL-2494 78/04/30  
122pp

--8003310111 Responds to 780707 ltr re proposed approach to issue of ATWS  
in NUREG-0460 Recommendations of ACRS re ATWS approach has  
been sought All comments will be given consideration in  
development of NRC recommendation  
DENTON, H R Office of Nuclear Reactor Regulation 78/08/04 1p

#### GEN TEC IS GENERIC TECHNICAL ISSUES

8003060509 Requests revision of draft program & budget proposal,  
Schedule 189, for add'l work on sys interaction methodology  
development Work should be directed more toward  
accomplishing specific tasks Submits five specific tasks  
HANAUER, S H TMI-2 Unresolved Safety Issues 80/02/08 3pp

8003070218 Concurs that proposed procedure for optimization of control  
rod drive sys flow to pressure vessel provides necessary  
first step toward reaching goal However procedure is too  
cumbersome re measurement of pump discharge flow  
EISENHUT, D G Division of Operating Reactors 80/02/11 1p

8003070291 Discusses requirements for PWR secondary water chemistry  
NRC efforts on steam generator matls degradation problems  
summarized in encl Task Action Plans A-3 & A-4  
BESSETTE, D E ACRS - Advisory Committee on Reactor Safeguards  
79/11/24 2pp

8003070291 Discusses requirements for PWR secondary water chemistry  
NRC efforts on steam generator matls degradation problems  
summarized in encl Task Action Plans A-3 & A-4  
BESSETTE, D E ACRS - Advisory Committee on Reactor Safeguards  
79/11/24 2pp

--8003070296 Task Action Plan A-03 "Westinghouse Steam Generator Tube  
Integrity," Revision 1  
EISENHUT, D G , LIAM, B D Division of Operating Reactors  
78/05/31 12pp

--8003070301 Task Action Plan A-4 "C-E Steam Generator Tube Integrity,"  
Revision 1  
EISENHUT, D G , ALMEYER, F M Division of Operating Reactors  
78/05/31 11pp

8003120117 Notification of 800226 meeting w/Westinghouse owners group  
in Bethesda, MD to discuss add'l info needed by NRC to  
complete review of WCAP-9558 concerning mechanistic fracture  
evaluation of reactor coolant pipe  
HOSFORD, S Division of Operating Reactors 80/02/20 2pp

8003260585 Forwards LD Test 800130 ltr commenting on NUREG-0588,  
"Interim Staff Position on Environ Qualification of Safety-  
Related Electrical Equipment " Suggests wording changes  
& clarifications  
BOETTGER, J T , BAUER, J T Power Engineering Society 80/03/18 1p

#### I&E INSPECTION AND ENFORCEMENT

7912190662 IE Circular 80-04, "Securing of Threaded Locking Devices on  
Safety-Related Equipment "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/14 3pp

7912190675 IE Info Notice 80-07, "Pump Shaft Fatigue Cracking "  
\* Office of Inspection & Enforcement, Office of the Director  
80/02/29 2pp

7912190679 IE Info Notice 80-06, "Notification of Significant Events "  
\* Office of Inspection & Enforcement, Office of the Director  
80/02/27 5pp

7912190681 IE Info Notice 80-09, "Possible Occupational Health Hazard  
Associated w/Closed Cooling Sys for Operating Power Plants "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/07 1p

7912190684 IE Info Notice 80-11, "Generic Problems w/ABCD Valves In  
Nuclear Application Including Fire Protection Sys "  
\* Office of Inspection & Enforcement, Office of the Director  
80/02/26 0

7912190685 IE Circular 80-03, "Protection From Toxic Gas Hazards "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/06 2pp

7912190687 IE Bulletin 80-05, "Vacuum Condition Resulting in Damage to  
Chemical Vol Control Sys (CVCS) Holdup Tanks "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/10 2pp

7912190689 IE Info Notice 80-08, "States Co Sliding Link Electrical  
Terminal Block "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/07 2pp

7912190696 Suppl to IE Bulletin 79-01B, "Environ Qualification of Class  
IE Equipment "  
\* Office of Inspection & Enforcement, Office of the Director  
80/02/29 5pp

8002280639 IC Bulletin 80-06, "Engineered Safety Feature (ESF) Reset  
Controls "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/13 3pp

8002280640 IE Info Notice 80-10, "Partial Loss of Non-nuclear  
Instrument Sys Power Supply During Operation "  
\* Office of Inspection & Enforcement, Office of the Director  
80/03/07 12pp

8003050376 EN-80-002 on 800212, notice given of violation & notice of  
proposed imposition of civil penalties to be issued for  
License 12-11286-01 Action based on possession of radwaste  
in excess of six-month limit  
BROCKETT, T , GOWER, G Office of Inspection & Enforcement, Office of  
the Director 80/02/08 1p

8003050380 En-80-005 on 800219, notice of violations & notice of  
proposed imposition of civil penalties will be issued for  
License 37-18461-01MD Action based on alleged items of  
noncompliance re extremity overexposure & syringe procedures  
BROCKETT, T , GOWER, G Office of Inspection & Enforcement, Office of  
the Director 80/02/13 1p

8003060637 Responds to FOIA request for info re facility security,  
760321 overexposure incident, 791209 radioactive water  
release & 791204 sabotage attempt Forwards documents listed  
in App A No document available re grand jury inquest  
FELTON, J M Division of Rules and Records 80/02/21 3pp

8003110219 PNO-V-80-014 on 800225, earthquake measuring 5.1 on Richter  
scale occurred Epicenter estimated between Oceanside & San  
Clemente, CA All facilities in area were called No problems  
identified  
FAULKENBERRY, B Region 5, San Francisco, Office of the Director  
80/02/25 1p

8003110372 PNO-III-80-033 on 800220, 100 mCi Cs-137 source was  
penetrated during drilling operation releasing Cs-137  
microspheres to work area Two persons in vicinity One had  
left hand contaminated More exposure tests performed  
PAGLIARD, J A , DAVIS, A B Region 3, Chicago, Office of the Director  
80/02/20 2pp

8003110376 PNO-III-80-030 EPA informed NRC that resins in some home  
water softeners may be contaminated w/up to 270 picocuries  
per gram U-238 EPA performing experiments to determine if U  
is released during normal or regeneration cycles  
PAGLIARD, J A , DAVIS, A B Region 3, Chicago, Office of the Director  
80/02/15 1p

8003110387 PNO-V-80-012 on 800215, notified that shipment of 19 wooden  
boxes received at Beatty, NV burial site w/one leaking  
liquid No significant contamination detected Box repacked &  
total shipment returned to shipper  
THOMAS, R D Region 5, San Francisco, Office of the Director  
80/02/19 1p

8003120354 PNO-IV-80-009 on 800228, State of CO will conduct emergency  
response exercise to test state & local emergency plans  
Members of interagency regional advisory committee & Region  
4 will observe & critique exercise  
EVERETT, R J , HARRISON, H Region 4, Dallas, Office of the Director  
80/02/25 1p

8003130382 PNO-III-80-033A on 800220, spill of Cs-137 microspheres  
resulted when 100 mCi Cs-137 source penetrated during  
drilling operation Personnel contamination being  
investigated Source room decontaminated & source sealed.  
PAGLIARD, J A , DAVIS, A B Region 3, Chicago, Office of the Director  
80/02/21 2pp

# NONDOCKETED ITEMS

353

8003140132 PNO-III-80-038 on 800226, licensee reported that 20 mCi shipment of P-32 orthophosphate was missing Courier claims matl was delivered, but visual & radiation search uncovered nothing Press release will be issued  
PAPERIELLO, C J, DAVIS, A B Region 3, Chicago, Office of the Director 80/02/28 1p

8003170215 PNO-II-80-077 on 800215, fire in research lab involved microcuries of C-14 in 15 scintillation vials No significant health hazard appears to exist  
POTTER, J Region 2, Atlanta, Office of the Director 80/02/15 1p

8003190328 PNO-III-80-035 on 800222, Tri-State semitrailer containing low level waste was involved in accident Trailer was hit on side by pickup truck, but remained upright Contents intact No injuries occurred  
PECK, C C, FISHER, W L, DAVIS, A B Region 3, Chicago, Office of the Director 80/02/22 1p

8003190758 PNO-V-80-009 on 800211, during unloading of seven 55-gallon drums, NRC inspector onsite noticed that two drums rattled Caused by vials containing radioactive liquid No absorbent matl present as required by DDT regulations  
THOMAS, R D Region 5, San Francisco, Office of the Director 80/02/12 1p

8003200598 PNO-III-80-037 on 790227, truck carrying nuclear medicine radioisotopes severely damaged in accident Survey of radioisotope boxes showed no increase over original radiation levels Recipients instructed to take precautions  
SRENIANSKI, D J, DAVIS, A B Region 3, Chicago, Office of the Director 80/02/27 1p

## MISC PUBLIC DOCUMENT ROOM MISCELLANEOUS

7903280215 Notification of 1979 midyear review on 790316 of National Energy Software Center to discuss accomplishments & future plans  
BENNETT, O L Research Support Branch 79/03/09 2pp

7903280360 Notification of 790322 meeting w/Natl Energy Software Ctr in Bethesda, MD to discuss accomplishments & future plans  
BENNETT, O L Research Support Branch 79/03/19 2pp

7905020183 Summary of 790330 trip to Velan Engineering Corp, Montreal, Canada, to investigate reported weight discrepancies of swing check valves, as discussed in IE Bulletin 79-04  
CLEMENSEN, F Plant Systems Branch (Pre 791030) 79/04/09 5pp

7906140095 Forwards "Nuclear Issues in MD Rept to Governor," by JH Benson, dtd 790426  
POWERS, R L Union Electric Co 79/04/30 120pp

7906290605 Responds to 790508 ltr forwarding BR Serina ltr requesting info re power plant safety Forwards four NRC papers re licensing process, design & const, & OA for nuclear power plants, detailing health & safety responsibilities of NRC  
GOSBICK, L V Office of the Executive Director for Operations. 79/05/24 16pp

--7906290617 Forwards BR Serina ltr requesting info re power plant safety  
YATRON, O House of Rep 79/05/08 2pp

7907180467 Confirms 790604 conversation between RN Patenaude & JF Stohr re proposed meeting to discuss developments concerning privately owned landfill in Norton, MA where radioactive matl was found during surveys conducted Oct-Dec 1978  
GRIER, B H Region 1, Philadelphia, Office of the Director 79/06/06 1p

7907180489 Forwards Region 1 Investigation Rept 78-154 containing results of radiation survey efforts in Norton, MA area through Dec 1978 & related background info W/o encl  
SMITH, O H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch. 79/06/04 1p

7908210053 Offers no comments on FY 1980 Nuclear Regulatory Research Program proposal re BWR containment pool dynamics Believes that tasks should be coordinated thru Containment Code Review Group  
GRIMES, B Assistant Director for Systems Engineering (Pre 791030) 79/07/26 1p

7909210019 Submits info re section C reorganization & reassignment Requests authorization to delegate newly assigned person to forward assignment related documents that do not involve new policy issues  
FERGUSON, R Plant Systems Branch (Pre 791030) 79/08/23 5pp

7909210450 Notification of 790926 meeting w/Nuclear Power Plant Control & Protection Working Group in Bethesda, MD to discuss new considerations for IEEE-P567, IEEE-566-1977, re control rooms  
TODD, D Plant Systems Branch (Pre 791030) 79/08/29 1p

7909260370 Notification of 790905 NRC meeting in Bethesda, MD to discuss proposed research program to destructively test field degraded piping  
NOONAN, V S Engineering Branch (Pre 791030) 79/08/22 2pp

7909270559 Responds to 790712 request for comments re qualifying military products for use in commercial plants NRC continues effort to make equipment qualification requirements more specific  
KAHMERER, C Office of Congressional Affairs 79/08/06 2pp

--7909270566 Forwards Dr Lynch 790608 ltr re qualifying military products for use in commercial plants Present sys of qualifying product is unworkable Current laws should be revised  
RUDICOFF, A Senate 79/07/12 3pp

7909270762 Responds to Aug 1979 ltr re concerns about nuclear power industry & power plants Forwards description of NRC licensing process for nuclear power plants  
BELLS, D E Environmental Projects Branch 2 79/08/22 7pp

7910040383 Requests review & update by 790919 of summary of 790830 caseload panel meeting re caseload forecast Meeting summary encl  
ROTHFLEISCH, J E Uranium Recovery Licensing Branch 79/09/11 16pp

7910180094 Ack 790621 request for info re conflicts between proposed geothermal & geopressure well testing at SE Pecan Island Well Site & NRC plans or regulations which could be effected by these tests No conflict anticipated Requests rept  
MULLER, D M Division of Site Safety & Environmental Analysis 79/07/17 1p

--7910180096 Requests info re conflicts w/federal, state & local agencies in preparation of Environ Impact Assessment of SE Pecan Island Well site under consideration for geothermal & geopressure resource well testing by DOE W/oversize map  
URRECHAGA, M M Coastal Environments, Inc 79/06/21 2pp

7910220078 Discusses review of "Mgt Directive on Free Distribution of NRC Repts " Suggests channelling all requests to Division of Technical Info & Document Control is costly & unnecessarily bureaucratic  
HAASB, W P Quality Assurance Branch 79/08/23 1p

7910250440 Agrees to 790906 request for meeting to discuss U mill licensing program  
SCARANO, R A Uranium Recovery Licensing Branch 79/09/25 1p

7910250451 Ack receipt of 791002 check in partial payment of civil penalties imposed by NRC 791017 order  
GOWER, O C Executive Officer for Operations Support 79/10/12 1p

7910260186 Responds to 790924 ltr requesting info re NRC environ statement process Forwards info explaining the statement process & use of DES & FES W/o encl  
REGAN, W M Assistant Director for Environmental Projects 79/10/15 1p

--7910260189 Requests info re process of generating & utilizing environ impact statements  
RIGERT, M Affiliation Unknown 79/09/24 1p

7910260219 Responds to 790920 ltr re M Philip control sys for nuclear reactors NRC function is to license & regulate reactors, not design them Suggests contact w/reactor manufacturers  
DENTON, H R Office of Nuclear Reactor Regulation 79/10/16 1p

--7910260222 Forwards 790604 ltr re M Philip control sys for nuclear reactors, previously sent 790604 Requests comment or acknowledgement  
WELCH, J P Morgan, Finnegan, Pine, Foley & Lee 79/10/20 1p

--7910260224 Informs of M Philip control sys for nuclear reactors which warrants NRC consideration Discusses prof association w/M Philip  
WELCH, J P Morgan, Finnegan, Pine, Foley & Lee 79/06/04 2pp

7910260446 Responds to 790710 ltr & 790610 meeting re radioactive matl in privately owned landfill Survey of property across from Bhpac indicated no radioactive matl Forwards results of 790614 water samples.  
SMITH, O H Region 1, Philadelphia, Office of the Director 79/09/14 3pp

## NONDOCKETED ITEMS

- 7910300474 "Risks of Plutonium Fuel Facility Damage From High Winds " JOHNSON, J. CH, C. GOLDBERG, F Office of Nuclear Reactor Regulation 79/10/19 4pp
- 7911060530 Responds to 790808 ltr re L. Hijazi request for list of companies transporting nuclear waste Forwards alphabetized listing of names & addresses of registered users of NRC approved packages for transportation of radwaste w/o encl KAHMERER, C Office of Congressional Affairs 79/09/01 1p
- 8003030043 Forwards IE Investigation Rept 079-180 Investigation did not uncover source of radioactive matl ALLAN, J M Region 1, Philadelphia, Office of the Director 80/01/23 1p
- 8003030049 IE Investigation Rept 079-180 on 791127-28 Contaminated glassware & paper waste was delivered to Rutgers Univ by unidentified woman NRC could not identify woman or source of matl GALLINA, C D, JERMAN, P C Region 1, Philadelphia, Office of the Director SMITH, G H Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 79/12/28 5pp
- 8003060059 Ack receipt of 800125 ltr requesting info re identification of major shareholders & interlocking directorships for companies within NRC jurisdiction Forwards info provided to Committee on Governmental Affairs on 770204 DIRCKS, W J Office of the Executive Director for Operations 80/02/19 5pp
- 8003060501 Responds to 800103 request for info re EA Eads 791109 ltr suggesting Lamar Univ training program for nuclear plant QC personnel training Util responsible for providing training Should contact util mgt or inst of Nuclear Power Operations GOSSICK, L V Office of the Executive Director for Operations 80/02/01 2pp
- 8003060505 Requests comment on encl EA Eads 791109 ltr suggesting Lamar Univ training program for nuclear plant QC personnel training Supporting documentation encl BROOKS, J House of Rep 80/01/03 7pp
- 8003060561 Responds to 800131 ltr requesting info re JV Sciafani ltr concerning nuclear plant licensing TMI-2 accident resulted in need for actions to protect public health & safety Unnecessary delays in OL issuance are being avoided DIRCKS, W J Office of the Executive Director for Operations 80/02/19 1p
- 8003060563 Requests comments on encl JV Sciafani 791121 ltr re nuclear plant licensing BRADLEY, B Senate 80/01/31 1p
- 8003060566 Requests that NRC re-evaluate position concerning OL issuance Should issue OL to plants to reduce dependency on foreign oil SCIAFANI, J V Affiliation Unknown 79/11/21 2pp
- 8003070271 Forwards addl info requested by 800115 ltr re delays in licensing nuclear power plants DENTON, H R Office of Nuclear Reactor Regulation 80/02/15 1p
- 8003070273 "Reactor Licensing Schedule Performance Evaluation, CY76-78 " Commission 78/12/31 25pp
- 8003070275 Requests info re time delays in licensing nuclear power plants WEST, B Affiliation Unknown 80/01/15 2pp
- 8003070277 Forwards info re mgt of NRC consisting of excerpts from AEC licensing procedure & related legislation presented before Subcommittee on Legislation, Joint Committee on Atomic Energy FITZGERALD, J A Office of the Executive Legal Director 80/02/11 10pp
- 8003070276 Demands elimination of nuclear power plants on planet earth Affiliation Unknown 80/02/29 1p
- 8003070277 Responds to 790719 ltr to President Carter Forwards second natl energy plan transmitted to Congress by President on 790807 DENTON, H R Office of Nuclear Reactor Regulation 80/02/14 13pp
- 8003070299 Forwards correspondence misdirected to DOE for reply RATHKOFF, C L Energy, Dept of 80/01/22 3pp
- 8003100154 Informs that Ofc of Nuclear Reactor Regulation has no comments on proposed new FR requirement DENTON, H R Office of Nuclear Reactor Regulation 80/02/17 1p
- 8003110024 Discusses Ofc of Nuclear Reactor Regulation assistance to NMSS during FY80 & FY81 Lists representatives of both sections & describes procedure to attain optimum use of manpower & assistance DENTON, H R Office of Nuclear Reactor Regulation 80/02/20 2pp
- 8003120681 Requests info re DCS identifier for 45FR9893 re analysis of comments on 10CFR21 CAMPBELL, W E Reactor Systems Standards Branch 80/02/09 2pp
- 8003140048 Responds to NRC 791101 ltr requesting info identified in IE Bulletin 79-19 One shipment of low level radwaste made during specified period Automation Industries licensed to provide radioactive disposal svc on file PIERCE, R E Navy, Dept of, Philadelphia Naval Shipyard IE8-79-19 80/02/05 1p
- 8003140061 Confirms telcon re denial of 790806 application for license to export bulk gaseous tritium to Dominican Republic Tritium is substance of strategic significance in large quantities in bulk gaseous form PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/29 2pp
- 8003140146 Responds to 800131 meeting notice & request for comments re scope & issues of EIS for proposed realignment of mission for Fort Indiantown Gap Action not related to NRC activities Will not comment or attend meeting SELLS, D E Environmental Projects Branch 2 80/02/21 1p
- 8003140147 Notifies of 800221-22 meeting & requests comments re scope & issues to be addressed in EIS for proposed realignment of mission for Fort Indiantown Gap AYERS, R E Army, Dept of 80/01/31 1p
- 8003170118 Comments on proposed reg guide, "Measurement of Radiation Levels on Surfaces of Packages of Radioactive Matls" wide energy response of most GM detectors should be factor in guide Suggests using min dimension in Table 1 ZECK, Q F Texas Tech Univ 80/02/04 1p
- 8003190010 Notifies that NRC regulates commercial production of nuclear energy DOE responsible for nuclear R&D & responds to inquiries about nuclear energy future DENTON, H R Office of Nuclear Reactor Regulation 80/02/28 1p
- 8003190112 Notification of 800220 meeting w/Halden in Bethesda, MD to discuss work being done on disturbance analysis sys & alarm prioritization, including Halden cooperation w/Ringhals plant in Sweden BELTRACCHI, L Electric, Instrumentation & Control Systems Branch 80/02/13 3pp
- 8003190228 Responds to 800122 ltr requesting notification of unplanned releases of nuclear matl into Region 5 waters Notification will be made to regional pollution response coordinator KEMPLER, J Q Region 3, Chicago, Office of the Director 80/02/16 1p
- 8003190239 Requests notification by NRC of all unscheduled releases of nuclear matl into Region 5 waters Sites 791209 release of 4,000 gallons of radioactive water into natl wildlife refuge NELSON, H K Interior, Dept of, Fish & Wildlife Service 80/01/22 1p
- 8003190302 Requests amend to Executive Branch position re NBS Re-export Authorization 29 for license to export CF-252 neutron sources to India PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/19 1p
- 8003190337 Ack receipt of 800114 ltr MCCLINTOCK, R O Region 1, Philadelphia, Fuel Facility & Materials Safety Branch 80/02/01 1p
- 8003190352 Advises that cobalt radiation source, used as training aid by Erie County Civil Defense, was acquired by authorized state emergency preparedness personnel & returned for calibr to Fort Indiantown Gap TOTH, J J Erie, PA 80/01/14 1p
- 8003190548 Notification of 800228 meeting w/Science Applications, Inc in Bethesda, MD to discuss flow sensing safety/relief valve position, monitoring sys SZUKIEWICZ, A J Electric, Instrumentation & Control Systems Branch 80/02/21 2pp

# NONDOCKETED ITEMS

355

B003190584 Advises that review of environ qualification of electrical equipment in SEP plants (Topic 111-12) indicates need for escalating licensee efforts Draft generic ltr w/attached guidelines to be sent to all licensees encl  
LAINAS,G Plant Systems Branch 80/02/19 36pp

B003190892 Forwards agenda for 239th ACRS meeting on B00306-08 Topics to be covered include proposed ACRS testimony before House Subcommittee on Energy & Environ re/NRC appropriation for FY81  
ZECH,O G Division of Operating Reactors 80/03/04 5pp

B003210131 Requests filing of encl computer printout re reportable occurrence repts received from all reactor facilities for 791231-800113  
SOUVER,J L Division of Rules and Records 80/02/13 35pp

B003240205 Forwards Mar 1980 update of cases pending before licensing boards, appeal boards or Commission  
CHRISTENBURY,E Hearings Division 80/03/07 24pp

B003240438 Expresses gratitude for WT Snitz efforts in organizing B00225 meeting  
ZELINSKY,W M Power Supply & Analysis Branch 80/03/06 1p

B003250016 Summary of PWR Pipe Crack Study Group B00205 meeting re collection of foreign experience data by LLL & progress of subtask efforts  
SHAD,L C Assistant Director for Engineering Programs 80/03/07 14pp

B003260233 Summary of B00205 meeting w/PWR Pipe Crack Study Group in Washington,DC re progress & schedule of study group effort  
SHAD,L C Assistant Director for Systems Engineering (Pre 791030) 80/03/07 14pp

B003260447 Forwards economic crime unit survey for federal program agencies for response  
LEZAK,B I Justice,Dept of 79/06/08 6pp.

B003280698 Requests input re checklist items for planning & conducting public meetings & comments on proposal to establish centralized expertise in administrative arrangement for such meeting Input should be received before B00307  
MORRY,P G Office of Administration 80/02/19 5pp

--B003280663 Discusses obstacles in obtaining contractor to handle NRC workshops, seminars & public meetings Suggests meeting w/other NRC ofcs to set milestones Draft statement of work & request for proposal for administrative support svcs encl  
MCCARTHY,E Office of State Programs 79/10/24 16pp

B003310419 Forwards General Steamship Corp B00125 ltr in response to NRC request to investigate possible use of other deep water ports in San Francisco bay area Confirms normal svc from Sweden & Norway to Oakland,CA  
FLOWERS,F D General Electric Co 15411 80/01/30 3pp

B003310467 Forwards excerpts from Univ of OK rept, "Energy Alternatives Comparative Analysis," in response to request for info on nuclear energy  
BENTON,H R Office of Nuclear Reactor Regulation 80/02/14 8pp

---B003310474 Requests info on nuclear energy  
RITCH,D Affiliation Unknown 80/01/08 1p

## NUREG NUREG REPORTS AND RELATED CORRESPONDENCE

B003060037 Ack receipt of B00204 ltr NUREG-0654 containing NUREG-0610 was mailed per Request Other requests take several wks to coordinate  
MCCARTHY,E Office of State Programs 80/02/20 1p

B002280641 Forwards comments re draft NUREG-0630, "Cladding Swelling & Rupture Models for LOCA Analysis"  
POWERS,D A Core Performance Branch 80/03/14 182pp

B003030221 NUREG/CR-0857  
"Properties of Radwastes & Waste Containers," Progress Rept 10 for Jul-Sept 1978  
NEILSON,R M, COLOMBO,P, Brookhaven National Laboratory FIN A-3027 BNL-NUREG-51026 79/05/31 37pp Available at NTIS

B003030224 NUREG/CR-0797  
"Post-Irradiation Data Analysis for NRC/PNL Halden Assembly IFA-431"  
NEALLEY,C, LANNING,D.D., CUNNINGHAM,M E Battelle Memorial Institute, Pacific Northwest Laboratory FIN B-2043 PNL-2975 79/10/31 200pp Available at NTIS

B003040248 NUREG/CR-1053  
"Notch Ductility Degradation of Low Alloy Steels w/Low-to-Intermediate Neutron Fluence Exposures"  
HANTHORNE,J R Navy, Dept of, Naval Research Laboratory FIN B-5528 80/01/14 33pp Available at NTIS

B003040254 NUREG/CR-0619  
"Properties of Radwastes & Waste Containers"  
COLOMBO,P, NEILSON,R M Brookhaven National Laboratory FIN A-3027 BNL-NUREG-5095 80/01/31 166pp

B003040286 "Treatment of Inflation in Development of Discount Rates & Levelized Costs in NEPA Analyses for Electric Util Industry"  
ROBERTS,J D, DAVIS,S M, FELD,S E Division of Site Safety & Environmental Analysis 80/01/31 27pp Available at NTIS

B003040292 NUREG-0646  
"Rept of Advisory Committee on Const During Adjudication"  
MILHOLLIN,O, FRYE,J H Atomic Safety and Licensing Board Panel CHD, J Atomic Safety and Licensing Appeal Panel 80/01/31 200pp Available at NTIS

B003040296 Buff Book 1 "Status Summary Rept,Water Reactor Safety Research,Data as of 791130"  
\* Office of Nuclear Regulatory Research 80/02/05 266pp Available at NTIS

B003040323 NUREG/CR-1064  
"Performance Testing of Personnel Dosimetry Svcs,Final Rept of 2-yr Pilot Study,Oct 1977-Sept 1979"  
PLATO,P, HUDSON,G Michigan, Univ of 80/01/31 100pp Available at NTIS

B003040327 NUREG/CR-1128  
"Structural Integrity of Water Reactor Pressure Boundary Components,Annual Rept FY79"  
LOBB,F J Navy,Dept of, Naval Research Laboratory FIN B-5528 79/12/31 131pp Available at NTIS

B003040333 NUREG/CR-1037  
"Evaluation of Isotope Migration-Land Burial,Water Chemistry at Commercially Operated Low Level Radwaste Disposal Sites, Progress Rept 10,Jul-Sept 1978"  
COLOMBO,P, WEISS,A J Brookhaven National Laboratory FIN A-3042 BNL-NUREG-51023 79/09/30 46pp Available at NTIS

B003040336 NUREG/CR-0642  
"Review of NRC Regulatory Processes & Functions"  
CARBON,M W ACRS - Advisory Committee on Reactor Safeguards 80/01/31 68pp Available at NTIS

B003050042 Comments on draft NUREG-0610 licensee Action 1 should not be required if plant mgt concludes that escalation in severity of event is improbable Offsite agencies might be unduly alarmed  
JACOBS,S B Stone & Webster Engineering Corp 80/01/28 3pp

B003050131 NUREG/CR-1213  
"ANS84 Computer Subroutine for Predicting Fission Gas Release"  
GAUSCH,N H, PANISKO,F E Battelle Memorial Institute, Pacific Northwest Laboratory PNL-3077 79/08/31 25pp Available at NTIS

B003050208 Forwards comments on NUREG-0630 Method used by NRC to deprive bundle blockage data from single rod burst test data combined w/bundle factor which characterizes axial distribution of ruptures is suitable  
ERSACHER,F J Kernforschungszentrum Karlsruhe 80/02/13 10pp

B003050435 Discusses analysis of accidents & transients & preparation of emergency procedure guidelines per NUREG-0578 Advises that summary will be submitted by B00401  
LIEBLER,G E C-E Operating Plants Owners Group 80/02/27 3pp

B003050642 NUREG/CR-1290  
"Application of Key Curve Method to Determining J-R Curves for A533 B Steel"  
JOYCE,J A US Naval Academy FIN B-7026 80/02/29 45pp

B003060454 NUREG-0565  
"Generic Evaluation of Small Break LOCA Behavior in B&W Designed 177-FA Operating Plants"  
\* Office of Nuclear Reactor Regulation 80/01/31 120pp

## NONDOCKETED ITEMS

8003060508 Responds to 800110 ltr re rural & urban characteristics of proposed & existing nuclear power plants Data re plant site characteristics & current licensing status contained in NUREG-0348 & NUREG-0380  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/13 2pp

--8003060510 Requests info re rural & urban character of proposed & existing nuclear power plants, on behalf of Agriculture, Nutrition & Forestry Committee, Rural Development Subcommittee  
LEAHY, P J Senate 80/01/10 2pp

8003070245 Discusses Lessons Learned Task Force short-term recommendations for design & installation of subcooling meters in PWRs Drawings of B&W & C-E RCS elevations encl STAMPELOS, J O ACRS - Advisory Committee on Reactor Safeguards  
7/9/11/08 3pp

8003070252 Discusses NUREG-0660, Draft 2, "Action Plans for Implementing Recommendations of President's Commission & Other Studies of TMI-2 Accident"  
PLESSET, M S ACRS - Advisory Committee on Reactor Safeguards  
80/02/11 2pp

8003070270 Comments on proposed rules 10CFR30.40, 50 & 70 NRC should provide guidance to rate making agencies re acceptable methods of decommissioning nuclear plants & provide criteria for determining applicable costs  
WENTHORTH, W C Northeast Utilities 80/02/19 8pp

8003100129 NUREG/CR-1060  
"Activities, Effects & Impacts of Coal Fuel Cycle for 1,000-MWe Electric Power Generating Plant," final rept  
CHRISTIAN, R C, HASLBECK, J, SEDLICK, B Tektron Research, Inc FIN  
8-6500 80/02/29 600pp

8003100177 NUREG-0380 V4 N2  
"Program Summary Rept." Vol 4, Number 2  
\* Office of Management and Program Analysis 80/02/22 92pp.  
Available at NTIS

8003100183 NUREG/CR-1147  
"Econometric Model for Disaggregation of State Level Electricity Demand Forecasts to BvC Area"  
TEPEL, R C, ALVIC, D R, JAY, J M Oak Ridge National Laboratory FIN  
8-0190-B ORNL/NUREG/TH-3 80/02/29 97pp Available at NTIS

8003100188 NUREG/CR-1286  
"Rancho Seco Bldg Wake Effects on Atmospheric Diffusion Simulation in Meteorological Wind Tunnel"  
ALLWINE, K J, MERONEY, R N, PETERKA, J A Colorado State Univ FIN  
8-5829 80/02/29 200pp

8003100199 NUREG/CR-1199  
"Subcompartment Analysis Procedures," informal rept.  
GIBB, R O, GILBERT, J S, TINKER, C O Los Alamos Scientific Laboratory FIN A-7094 LA-8169-MB 7/9/12/31 66pp

8003100204 NUREG/CR-1201  
"Nuclear Reactor Safety," quarterly progress rept, Jul-Sept 1979  
JACKSON, J F, STEVENSON, M G Los Alamos Scientific Laboratory FIN  
A-0305 LA-8171-PR 80/01/31 200pp

8003100231 NUREG-0565  
"Generic Evaluation of Small Break LOCA Behavior in B&W Designed 177 Fuel Assembly Operating Plants"  
\* TMI-2 Bulletins & Orders 80/01/31 100pp Available at NTIS

8003110144 Forwards notice of availability of proposed SRP revision for FR publication on 800227  
CHILK, S J Office of the Secretary of the Commission 80/02/21 1p

--8003110160 Notice of issuance & availability of proposed revision to SRP Section 4.2, "Fuel Sys Design," (NUREG-75/087).  
MATTSO, R J Division of Systems Safety 80/02/13 2pp.

8003110238 Forwards notice of issuance & availability of NUREG/CR-1263, "Compilation of State Laws & Regulations That Deal W/ Radioactive Materials in Transport," for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/02/13 1p.

--8003110243 Notice of issuance & availability of NUREG/CR-1263, "Compilation of State Laws & Regulations That Deal W/ Radioactive Materials in Transport,"  
KERR, G W Office of State Programs 80/02/12 1p.

8003110285 NUREG/CR-1259  
"Correlation of Response Spectral Amplitudes W/ Seismic Intensity"  
O'BRIEN, L J Computer Sciences Corp NRC-04-78-737 80/02/29 102pp Available at NTIS

8003110304 NUREG-0626  
"Generic Evaluation of Feedwater Transients & Small Break LOCAs in GE Designed Operating Plants & Near-Term OL Applications"  
\* TMI-2 Bulletins & Orders 80/01/31 223pp

8003110309 NUREG-0543  
"Methods for Demonstrating LWR Compliance W/ EPA U Fuel Cycle Std (40CFR190)"  
CONGEL, F J Division of Site Safety & Environmental Analysis  
80/02/29 14pp

8003110317 NUREG-0635  
"Generic Evaluation of Feedwater Transients & Small Break LOCAs in C-E Designed Operating Plants"  
\* TMI-2 Unresolved Safety Issues 80/01/31 125pp

8003120210 NUREG/CR-0933  
"Improvement in Calculation of Turbulent Friction in Smooth Concentric Annuli"  
LEUNG, J C M, JONES, D C Brookhaven National Laboratory FIN  
A-3045 BNL-NUREG-51025 7/9/08/31 29pp

8003120267 NUREG/CR-1247  
"Stably Stratified Bldg Wakes"  
KOTHARI, K M, MERONEY, R M Colorado State Univ FIN 8-5829.  
AT(49-24)-0366 80/01/31 70pp

8003120399 NUREG-0628  
"NRC Staff Preliminary Analysis of Public Comments on Advance Notice of Proposed Rulemaking on Emergency Planning"  
PEABODY, C A, HICKEY, J W N Environ Protect Standards Branch  
80/01/31 300pp

8003120427 NUREG/CR-0867  
"High Temp Mass Spectrometry Study of Cesium Oxide & Rubidium Oxide"  
NICLOSKI, S L, TANG, I, MUNKELWITZ, H Brookhaven National Laboratory FIN A-3016 BNL-NUREG-51030, 7/9/06/30 53pp  
Available at NTIS

8003120610 NUREG-0657  
"Review & Evaluation of NRC Safety Research Program for FY81"  
\* ACRS - Advisory Committee on Reactor Safeguards 80/02/29 62pp

8003120683 NUREG/CR-1204  
"Design & Const of D2O-Moderated 252Cf Source for Calibr Neutron Personnel Dosimeters Used at Nuclear Power Reactors"  
SCHWARTZ, R B Commerce, Dept of, National Bureau of Standards FIN  
8-1071, NRC-01-78-012 80/01/31 29pp

8003140122 NUREG/CR-1319  
"Cold Leg Integrity Evaluation," final rept  
MAYFIELD, M E, FORTE, T P, RODABAUGH, E C Battelle Memorial Institute, Columbus Laboratories FIN 8-8609 NRC-04-76-293-3  
80/02/29 306pp Available at NTIS

8003140128 NUREG-0386 S1  
"NRC Practice & Procedure Digest," Supp 1 to Digest 2  
\* Office of the Executive Legal Director 80/02/29 39pp.

8003140133 NUREG-0656  
"Study of Alternative Methods for Mgt of Liquid Scintillation Counting Wastes"  
ROCHE-FARMER, L. Division of Fuel Cycle & Material Safety, 80/02/29 34pp

8003140145 Comments on NUREG-0584, Revision 1 funding over reactor life (negative net salvage depreciation) should be favored over funding at commissioning Forwards "Cost Comparisons of Power Reactor Decommissioning Financing Alternatives"  
REYNOLDS, N B Debevoise & Liberman 80/02/22 7pp

--8003140152 "Cost Comparisons of Power Reactor Decommissioning Financing Alternatives," by Util Decommissioning Group  
\* Arkansas Power & Light Co, 80/02/22 72pp.

# NONDOCKETED ITEMS

357

- 8003140155 SECY-79-3300  
Advises of Commission actions re four items in response to  
SJ Chik 791127 memo Recommendations of TMI-2 Lessons  
Learned Task Force, NUREG-0885, Item 1 & on Page A-7 should be  
included in qualifications of power reactor operators  
DENTON, H R Office of Nuclear Reactor Regulation 79/12/21 2pp
- 8003140205 NUREG-0645 V1  
"Rept of Bulletins & Orders Task Force," Vol 1  
\* Office of Nuclear Reactor Regulation 80/01/31 300pp
- 8003140212 NUREG-0645 V2  
"Rept of Bulletins & Orders Task Force," Vol 2  
\* Office of Nuclear Reactor Regulation 80/01/31 800pp
- 8003140220 NUREG/CR-1267  
"FRAP-74 Best Estimate Sensitivity Study"  
HANSEN, B L EG & G, Inc FIN A-6167 80/02/29 94pp Available  
at NTIS
- 8003140327 Discusses Sept 1978 regional workshops reviewing NRC  
decommission in policy w/state officials NUREG-0436, Revision  
1 issued 781231 Followup workshops scheduled for 790912-14 &  
25-27 State representatives should be designated by 790723  
RYAN, R Q Office of State Programs 79/07/17 2pp
- 8003170123 NUREG/CR-1127  
"Fractographic & Microstructural Analysis of Stress  
Corrosion Cracking of A533 Grade B Class 1 Plate & A508  
Class 2 Forging in Pressurized Reactor-Grade Water at 93 C."  
Memo Rept 4121  
PROVENZANO, V, TORRONEN, K, STURM, D Navy, Dept of, Naval Research  
Laboratory FIN B-5528 80/01/25 17pp
- 8003170143 NUREG-0020 V4 N1  
"Operating Units Status Rept," data as of 791231  
\* Commission 80/01/31 106pp Available at OPO
- 8003180256 NUREG/CR-0114  
"INREM II Computer Implementation of Recent Models for  
Estimating Dose Equivalent to Organs of Man From Inhaled or  
Ingested Radionuclide"  
KILLOUGH, O C, DUNNIGN, D E, PLEASANT, J C Oak Ridge National  
Laboratory FIN B-0188 ORNL/NUREG/TM-8 78/06/30 97pp
- 8003190101 NUREG/CR-1313  
"Rationale for Perturbation Method for Analyzing Fluid  
Structure Interactions in BWR Pressure Suppression  
Containment Sys"  
HUBER, P W, KALUMUCK, K M, SONIN, A A Massachusetts Institute of  
Technology FIN B-6167 NRC-04-77-011 80/02/29 80pp Available  
at OPO
- 8003190583 Forwards "Hydrogen Generation & Pressure Suppression  
Containments" per review of Lessons Learned Task Force final  
rept Use of mitigating device or sys should be based on  
appropriate measure  
KASTENBERG, W E ACRS - Advisory Committee on Reactor Safeguards  
79/11/02 1p
- 8003190588 "Hydrogen Generation & Pressure Suppression Containments"  
KASTENBERG, W E ACRS - Advisory Committee on Reactor Safeguards  
79/11/02 7pp
- 8003190822 Comments on NUREG-0610, "Draft Emergency Action Level  
Guidelines for Nuclear Power Plants" Required licensee  
written response to offsite authorities should be extended  
to five days  
SHIELDS, S W Public Service Co of Indiana, Inc 80/01/15 2pp
- 8003200024 Forwards NUREG-0090, Vol 2, Number 3, "Rept to Congress on  
AQs," Jul-Sept 1979, updating previous AQs including TMI  
accident w/o encl  
AHEARNE, J F Commission 80/02/27 2pp
- 8003200035 Forwards NUREG-0090, Vol 2, Number 3, "Rept to Congress on  
AQs," Jul-Sept 1979, updating previous AQs including TMI  
accident.  
AHEARNE, J F Commission 80/02/27 2pp
- 8003200275 Summary of 800131 meeting w/C-E & C-E Owners Group re  
compliance w/NUREG-0578, Section 2.1.9 Related slides encl  
KELLY, G B Division of Systems Safety 80/02/26 26pp.
- 8003200316 NUREG/CR-1326  
"Properties of Radwastes & Waste Containers," quarterly  
progress rept Oct-Dec 1979  
MANAKTALA, H K, COLOMBO, P, NEILSON, R M Brookhaven National  
Laboratory, FIN A-3027 BNL-NUREG 51148 80/02/29 27pp.  
Available at NTIS.
- 8003200322 NUREG/CR-1039  
"Estimated Radiation Doses From Thorium & Daughters  
Contained in Thoriated Welding Electrodes"  
MCDOWELL-BOYER AECL, Chalk River Nuclear Laboratories FIN  
B-0114-8 ORNL/NUREG/TM-3 79/12/31 50pp
- 8003200328 NUREG/CR-1325  
"Evaluation of Isotope Migration - Land Burial Water  
Chemistry at Commercially Operated Low Level Radwaste  
Disposal Sites," quarterly progress rept for Oct-Dec 1979  
WEISS, A J, COLOMBO, P Brookhaven National Laboratory FIN A-3042  
BNL-NUREG-51147 80/02/29 28pp Available at NTIS
- 8003200346 NUREG/CR-1140 V1  
"Aggregated Sys Model of Nuclear Safeguards," executive  
summary  
WEISSENBERGER, S Lawrence Livermore Laboratory FIN A-0115  
UCRL-52712 80/02/29 38pp Available at NTIS
- 8003200350 NUREG/CR-1314  
"Gravity Reflood Oscillations in PWR"  
CHEUNG, Y L, GRIFFITH, P Massachusetts Institute of Technology FIN  
A-4060 80/02/29 79pp Available at NTIS
- 8003200364 NUREG/CR-1328  
"Regional Tectonics & Seismicity of Eastern NE," annual rept  
for June 1978-May 1979  
BURCHETT, R R Nebraska, Univ of FIN B-5774 NRC-04-76-315  
80/02/29 135pp Available at NTIS
- 8003200368 NUREG/CR-0803  
"Distribution Coefficients for Radionuclides in Aquatic  
Environ. III Adsorption & Desorption Studies of Ru-106,  
Cs-137, Am-241, Sr-85 & Pu-237 in Marine & Freshwater Sys."  
annual rept for Aug 1978-Jul 1979  
SCHELL, W R, SANCHEZ, A L, SIBLEY, T H Washington, Univ of FIN  
B-5749 80/02/29 88pp Available at NTIS
- 8003200453 NUREG/CR-0747  
"Thermal & Mechanical Behavior of Xenon Filled Fuel Rod as  
Function of Burnup"  
CUNNINGHAM, M E, LANNING, D D, WILLIFORD, R E Battelle Memorial  
Institute, Pacific Northwest Laboratory FIN B-2043 PNL-3075  
79/09/30 50pp Available at NTIS
- 8003210186 Forwards cross-ref of ACRS recommendations w/NUREG-0660  
Overall summary & chapter summaries of NUREG-0660, Draft 3  
will be provided by 800305 to facilitate 800306 briefing  
MATTSON, R J Division of Systems Safety 80/02/22 4pp
- 8003210361 "Rept to Congress on Abnormal Occurrences, Jul-Sept 1979"  
\* Office of Management and Program Analysis 80/02/29 1p  
Available at NTIS
- 8003250002 Comments on draft NUREG-0590, Revision 1 no discussion made  
of recommissioning & conversion No modes of decommissioning  
should be precluded at this time Classification of  
decommissioning modes & timing by half lives unreasonable  
REYNOLDS, N S Bebevoise & Liberman 80/02/20 6pp
- 8003250086 Provides comments & evaluation on NUREG-0511, Vol 1, "Draft  
EIS on U Milling" Submits info to improve credibility of  
credibility of final EIS & improve capability of public  
participation  
WINGARD, G Affiliation Unknown 15605 80/01/18 2pp
- 8003250168 NUREG/CR-1362  
"Data Summaries of LERs of Diesel Generators at US  
Commercial Nuclear Power Plants," Jan 1976 - Dec 1978  
POLOSKI, J P, SULLIVAN, W H EG & G, Inc E00-EA-5092 80/03/31  
400pp Available at NTIS
- 8003250174 NUREG/CR-0977  
"New Madrid Seismotectonic Study," activities during FY79  
BUSCHBACH, T C St Louis Univ FIN B-6335 80/03/31 163pp  
Available at NTIS
- 8003250260 NUREG/CR-1234  
"Fuel Swelling Due to Retained Fission Gas in Molten Fuel  
During High Temp Transients"  
VINJAKURI, K EG & G, Inc FIN A-6041 E00-2014 80/02/29 55pp  
Available at NTIS
- 8003250270 NUREG/CR-1341  
"Earthquake-Induced Liquefaction Near Lake Amatitlan,  
Guatemala"  
SEED, H B, ARANQO, C K, CHAN, C K California, Univ of, Berkeley  
FIN B-6279 80/02/29 40pp Available at NTIS



## NONDOCKETED ITEMS

- 8003250278 NUREG/CR-1288 V1  
"Insp Methods for Physical Protection Project Quarterly  
Rept, Sept-Nov 1979"  
BRADLEY, R T, BOWDEN, D D, OLSON, A W Lawrence Livermore Laboratory  
FIN A-0143 UCID-18123-79-3 80/03/31 19pp Available at NTIS
- 8003250385 NUREG/CR-1099  
"Depleted U Dioxide Powder Flow Through Very Small  
Openings"  
SUTTER, S L, JOHNSTON, J W, MISHIMA, J Battelle Memorial Institute,  
Pacific Northwest Laboratory FIN B-2093 PNL-3177 80/02/29  
185pp Available at NTIS
- 8003250390 NUREG/CR-1255  
"SKIRMIER & AMDUGH - Tactical Board Games for Development &  
Evaluation of Road Transit Physical Protection Sys"  
GALLAGHER, R J, KEETON, S C Sandia Laboratories FIN A-1173  
SAND79-8058 80/03/31 95pp Available at NTIS
- 8003250394 NUREG/CR-1081  
"Characterization of U Tailings Cover Mats for Radon Flux  
Reduction"  
ROGERS, V C, OVERMYER, R F, PUTZIG, K M Argonne National Laboratory  
FIN A-2046 FBDU-218-2 80/03/31 150pp Available at NTIS
- 8003250415 NUREG/CR-0497  
"MATPRO - Version 1 (Revision 1) Handbook of Mats  
Properties for Use in Analysis of LWR Fuel Rod Behavior"  
\* EQ & O, Inc FIN A-6050 TREE-1280 R1 80/02/29 278pp.
- 8003250425 NUREG/CR-1127  
"Fractographic & Microstructural Analysis of Stress  
Corrosion Cracking of A533 Grade B Class 1 Plate & A508  
Class 2 Forging in Pressurized Reactors-Grade Water at  
93 C"  
PROVENZANO, V Navy, Dept of, Naval Research Laboratory TORRONEN, K  
Finland STURM, O Germany, Federal Republic of FIN B-5528 NRL  
4121 80/01/25 21pp
- 8003250459 NUREG/CR-1140 V2  
"Aggregated Sys Model of Nuclear Safeguards"  
WEISSBERGER, Laurence Livermore Laboratory FIN A-0115  
UCRL-52712 80/02/29 121pp
- 8003250462 NUREG-0649  
"Task Action Plans for Unresolved Safety Issues Related  
to Nuclear Power Plants"  
\* Office of Nuclear Reactor Regulation 80/02/29 155pp
- 8003250593 NUREG-0330 V4 N1  
Buff Book 2 "Status Summary Rept, Advanced Reactor Safety  
Research," data as of 800131  
\* Office of Nuclear Regulatory Research 80/02/26 92pp
- 8003260133 NUREG/CR-0795  
Errata sheet for "Geomorphic & Erosion Studies at Western  
NY Nuclear Svc Ctr, West Valley, NY," consisting of Plates  
1-5  
\* New York, State of 80/02/26 10pp
- 8003260489 Submits corrections to previous comments provided to NRC on  
NUREG-0460, Vol 4, "ATWS for LWR" Comment did not address  
indirect costs, as requested by NUREG Corrections should  
be made before final printings  
RENNERGER, D L Washington Public Power Supply System 80/03/21  
1p
- 8003260585 Forwards LD Test 800130 ltr commenting on NUREG-0588,  
"Interim Staff Position on Environ Qualification of Safety-  
Related Electrical Equipment" Suggests wording changes  
& clarifications  
BOETTGER, J T, BAUER, J T Power Engineering Society 80/03/18 1p
- 8003260610 Forwards comments on NUREG-0588 re Category I requirements  
Item 2 (1)(c) should be clarified to apply only to safety-  
related equipment & Item 3 (4) margin requirements are  
excessive  
VAN BRUNT, E E Arizona Public Service Co ANPP-15022 80/03/13  
2pp
- 8003270057 NUREG/CR-1317  
"Response of Four-Inch Nuclear Power Plant Valve to Dynamic  
Excitation"  
HARRIS, J, STOTT, S J Southern California, Univ of, FIN B-5976,  
80/02/29 300pp Available at NTIS
- 8003270064 NUREG/CR-1336  
"Biodaccumulation Factor for P-32 in Edible Fish Tissue,"  
final rept Aug 1977-Oct 1977  
KAHN, B, TURGEON, K S Georgia Institute of Technology FIN B-6266  
80/03/31 97pp Available at NTIS
- 8003270076 NUREG-0460 V4  
"ATWS for LWRs Resolution of Unresolved Safety Issue Task  
Action Plan A-9," Vol 4, for comment  
\* Office of Nuclear Reactor Regulation 80/03/24 200pp
- 8003270240 Forwards NUREG/CR-1145, "Experiment Data Rept for LOFT  
Nuclear Small Break Experiment L3-1" Experiment conducted  
791120  
KAUFMAN, N C EQ & O, Inc 80/01/29 2pp
- 8003270245 NUREG/CR-1145  
"Experiment Data Rept for LOFT Nuclear Small Break  
Experiment L3-1"  
\* EQ & O, Inc FIN A-6048 EGG-2007 80/01/31 180pp  
Available at NTIS
- 8003280642 Notification of 800403 meeting w/GE-designed operating  
plants owners group in Bethesda, MD to discuss addl guidance  
for analysis of accidents & transients & preparation of  
emergency procedure guidelines, NUREG-0578, Item 2.1.9, Task 5  
COX, T H Standardization Branch 80/03/17 1p
- 8003280652 NUREG/CR-1279  
"Insider Threat to Secure Facilities Synopsis of Nine  
Interviews"  
SCHECHTER, R S Laurence Livermore Laboratory FIN A-0132  
UCRL-52729 80/03/31 61pp
- 8003280665 FOIA request on behalf of UCB for memos, work plans, data  
& documents produced by NRC to formulate action plan on  
implementation of TMI lessons learned & Kemeny Commission  
Rept  
WEISS, E R Sheldon, Harmon & Weiss 79/12/12 1p
- 8003310090 Responds to FOIA requests for documents re plant safety  
identified by accession & rept number, author, description &  
number of pages Forwards documents listed in App A Documents  
5 & 26 partially withheld (ref FOIA Exemption 4)  
FELTON, J M Division of Rules and Records 80/03/03 8pp
- 8003310101 NUREG/CR-0318  
"Data Rept for NRC/PNL Halden Assembly IFA-431"  
HANN, C R, BRADLEY, E R, CUNNINGHAM, M E Battelle Memorial  
Institute, Pacific Northwest Laboratory PNL-2494 78/04/30  
122pp
- 8003310254 Comments on draft NUREG-0584, Revision 1 significant portion  
of licensees not rate-regulated investor-owned electric  
utils NRC should conduct comprehensive evaluation of  
financing mechanisms of all licensees  
TILLMAN, W F National Rural Electric Cooperative Association  
80/02/28 3pp
- 8003310410 Responds to 791102 request that NRC determine if grounds  
exist to suspend or amend GLs of LWRs which base ECCB upon  
faulty analytical codes Differences in ECCB models are  
small or insignificant  
DENTON, H R Office of Nuclear Reactor Regulation 80/03/03 2pp
- 8003310413 Responds to 791129 request for addl info re clad swelling &  
rupture models for LOCA analysis & meeting w/NRC ECCB  
analysis Forwards list of info being transmitted info not  
encl  
DENISE, R P Assistant Director for Reactor Safety 79/12/10  
3pp
- 8003310418 Forwards addl info re cladding swelling & rupture models for  
LOCA analysis Info consists of ltrs from five fuel vendors &  
Vankor Atomic Electric Co comments on NUREG-0630 W/c encls  
DENISE, R P Assistant Director for Reactor Safety 80/01/17 1p
- 8003310423 Notifies of ACRS Subcommittee 800214 meeting in Washington,  
DC re cladding swelling & rupture models for LOCA analysis  
DENISE, R P Assistant Director for Reactor Safety 80/02/06 1p
- 8003310429 Petition under 10CFR2.206 requesting that NRC conduct  
investigation into issues re design of ECCB & to decide  
whether sufficient evidence exists to warrant suspension or  
amend to licensing of LWRs  
POLLOCK, R P Critical Mass Energy Project, 79/11/02 3pp.
- ORG CORRESPONDENCE WITH OTHER ORGANIZATIONS
- 7907260214 Responds to 790712 ltr & forwards info concerning NRC  
activities to be incorporated in DOE Annual Rept to Congress  
on U Mill Tailings Radiation Control Act of 1978. Submits  
summary of major actions.  
MARTIN, J B Division of Waste Management, 79/08/10, 2pp.

# NONDOCKETED ITEMS

359

8003070110 Discusses resolution of generic terms re operation of one nuclear unit while others are under const in multi-unit facility Portions of Reg Guide 1.17 encl  
BICKEL, J. H. ACRS - Advisory Committee on Reactor Safeguards  
7/9/10/03 7pp

--8003070114 N18 17-1973  
"Industrial Security for Nuclear Power Plants"  
\* American National Standards Institute 73/07/18 20pp

8003110264 Advises that IE Bulletin 80-04, "Analysis of PWR Main Steam Line Break w/Continued Feedwater Addition," was sent to listed utils on 800208  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/14 3pp

8003120069 Forwards IE Circular 80-02, "Nuclear Power Plant Staff Work Hours." Notifies that circular sent listed licensees on 800201  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/14 3pp

8003120260 Advises that IE Info Notice 80-07, "Pump Shaft Fatigue Cracking," was sent to listed utils on 800229  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/03/03 2pp

8003120596 Advises that IE Info Notice 80-06, "Notification of Significant Events," was sent to listed utils on 800227  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/28 2pp

8003120613 "Background Rept, Considerations of Environ Protection Criteria for Radwaste"  
MARTIN, J. E. Environmental Protection Agency 78/02/28 66pp

8003140149 Advises that IE Bulletin 80-03, "Loss of Charcoal from Std Type II, Two-Inch, Tray Adsorber Cells," was sent to listed utils on 800206  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/14 2pp

8003140303 Advises that IE Bulletin 79-01B supplemental info, "Environ Qualification of Class IE Equipment," was sent to listed utils on 800229  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/03/03 7pp

8003190052 Advises that IE Circular 79-25, Suppl. A, "Shock Arrestor Strut Assembly Interference," was sent to listed utils on 800131  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/14 2pp

8003190297 Advises that IE Info Notice 80-05, "Chloride Contamination of Safety-Related Piping & Components," was sent to listed utils on 800208  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/02/14 2pp

8003260501 Advises that IE Bulletin 80-05, "Vacuum Conditions Resulting in Damage to Chemical Vol Control Sys (CVCS) Holdup Tanks," was sent to listed utils on 800310  
CARROLL, D. E. Region 3, Chicago, Office of the Director 80/03/11 2pp

8003310342 Forwards errata sheet & replacement pages for Director's decision per 10CFR2.206 denying UCS petition for order requiring seismic reanalysis within 120 days  
DENTON, H. R. Office of Nuclear Reactor Regulation 80/03/06 1p.

--8003310344 Errata sheet & replacement pages for Director's decision per 10CFR2.206 denying UCS petition for order requiring seismic reanalysis  
DENTON, H. R. Office of Nuclear Reactor Regulation 80/01/10 3pp

## PR PROPOSED RULE

8003060429 Comments on proposed rule 10CFR50 adequate emergency plans cannot be developed to protect public from consequences of nuclear accident Licensees should inform every resident, every yr, within 50 miles of proposed routes  
BALDWIN, W. A. Friends of the Earth 80/02/13 9pp

7906270163 Ack receipt of 790316 ltr re transportation of waste matls. Forwards description of NRC & DOT requirements for transportation of radioactive matls. NUREG-0170 & rept on transportation accidents from Jan 1978 to Feb 1979  
HENDRIE, J. M. Commission 79/03/25 3p

7907200258 Notice of issuance of minor amends to NRC notices of Sys of Records NRC-1-13, 15-23, 26-28, 30-32, 34 & 36-40 Amends delete NRC-35 & incorporate NRC-14 into NRC-11  
OOSBICK, L. V. Office of the Executive Director for Operations  
79/06/22 53pp

8002140292 Comments on proposed rules 10CFR30.40, 50 & 70 decommissioning insurance should be treated like whole life insurance & tie premiums to performance records Jurisdiction could be handled by states  
SHWAB, J. Iowa Public Interest Research Group 80/01/28 3pp

8002190048 Comments on NUREG/CR-0130 re NRC/BNL decommissioning study in response to 791128 request No provisions for cost of project mgt team concept for nuclear facility dismantlement Team concept & cost estimates encl  
COUNSILL, W. G. Northeast Utilities 80/01/03 5pp

8002210266 Comments on proposed rules 10CFR30.40, 50 & 70 NRC should establish rules requiring specific financial plans to meet decommissioning costs of planned & premature shutdown of nuclear facilities  
CASCIA, T. P. A. Public Interest Research Group 79/11/21 11pp

8003030002 Comments on proposed rule 10CFR71 regulations burden users w/costly requirements Industry was not warned of change in requirements until April 1978  
PEEPLES, W. P. Gulf Nuclear, Inc 80/01/03 4pp

8003030006 Comments on proposed rule 10CFR2 licensee should have responsibility to assure that proper actions are taken to protect public in event of emergency Accidents are prevented by party responsible for consequences  
SHAHBAZI, A. F. Affiliation Unknown 80/02/01 1p

8003040086 Comments on proposed rule 10CFR50 public hearing should be held NRC should not standardize emergency planning Concurrence has no place in regulations because term is ill-defined State & local plans should be adequate  
KNUTH, D. F. KMC, Inc 80/02/15 32pp

8003040110 Comments on proposed rule 10CFR50 FEMA should have lead role Emergency planning should be handled like other license conditions re concurrence Ten & fifty-mile zones should be established as matter of policy  
VANDENBURGH, D. E. Yankee Atomic Electric Co NYC 80-1 80/02/12 18pp

8003040115 Comments on proposed rule 10CFR50 FEMA should assist state & local planning efforts Improvement programs should be developed for resources to improve facility More funding is needed for local govts  
COOK, R. A. Michigan, State of 80/01/22 4pp

8003040145 Forwards comments on proposed rule 10CFR50 many stringent provisions & sanctions are unnecessary due to progress & cooperation w/state & local govts FEMA should assist in state & local programs development  
KEARNEY, J. J. Edison Electric Institute 80/01/24 9pp

8003040183 Comments on proposed rule 10CFR50 federal concurrence should not be directed below state level Current guidance from NRC is confusing FEMA should be federal representatives re offsite plans  
\* South Carolina, State of 80/01/24 12pp

8003050022 Comments on proposed rule 10CFR32 rule changes which might deter prospective purchasers from installing smoke detectors could lead to needless loss of life  
JOHNSON, J. E. Affiliation Unknown 80/01/25 3pp

8003050039 Comments on proposed rule 10CFR32 ionization chamber smoke detector labeling requirement should be waived or optionally applied at manufacturer discretion for all detectors w/less than specified quantity of radionuclide  
ELLNER, I. Pyrotechnics, Baker Protec. Svcs Inc 80/01/28 3pp

8003050046 Comments on proposed rules 10CFR70 & 73 NRC finding that EIS & EIA are unnecessary is wrong Proposed rule will have adverse effect on maritime commerce & will encourage clandestine transfers of SNM at sea  
ZIMMERMAN, H. A. Affiliation Unknown 80/01/24 1p

8003050129 Comments on proposed rule 10CFR2 unclear whether emergency authority of NRC executive director for operations pre-empts authority of Agreement state to deal w/given state licensed mill site emergency  
SMITH, P. B. Environmental Protection Agency BAH-WM 80/01/30 2pp

## NONDOCKETED ITEMS

- 8003050152 Comments on proposed rule 10CFR50 overriding factor is security of homes, businesses & livestock in cleared area for extended period Supports addl mission re emergency plans to other areas in state  
DELOACH, J W Richland County, SC 80/01/04 7pp
- 8003050191 Comments on proposed rules 10CFR30, 40, 50 & 70 decommission rule should be more flexible to consider unique characteristics & different approaches peculiar to public power sector  
HOBART, L Affiliation Unknown 80/02/12 1p
- 8003050257 Forwards comments on proposed rule 10CFR50 states have inherent responsibility to monitor & coordinate offsite emergency plans NRC does not possess statutory responsibility to impose stds on review local plans  
THOMAS, L H South Carolina, State of 80/01/31 12pp
- 8003060015 Comments on proposed rule 10CFR50 implementation would seriously hamper commercial use of nuclear power w/o any significant increase in safety  
COLLINS, J M , LOEFFLER, T House of Rep , Interst & Foreign Commerce 80/02/14 2pp
- 8003060024 Comments on proposed rule 10CFR50 opposes proposed rule re evacuation plan Only way to save NY is to close facility  
TOSCANI, K Affiliation Unknown 80/01/25 1p
- 8003060249 Comments on proposed rule 10CFR50 promulgation of rule should be held up indefinitely since technical basis is seriously inaccurate & deficient Issue of improper reactor siting is evaded by allowing conformance w/low radius plan  
SALZMAN, L Friends of the Earth 80/01/29 7pp
- 8003060391 "Subgroup Rept on Alternative Technology Strategies for Isolation of Nuclear Waste," draft  
\* Interagency Review Group on Nuclear Waste Management  
TID-28818(DRAFT 78/10/30 190pp
- 8003060444 Comments on proposed rule 10CFR50 emergency broadcast sys already available for use around nuclear plants Purchase of simple coding/decoding device attached to any radio can be activated during emergency  
RICH, F J Affiliation Unknown 79/12/17 3pp
- 8003060449 Comments on proposed rule 10CFR50 NRC & FEMA teams should be consolidated to eliminate duplication Federal govt wants to shun responsibility for emergency preparedness to licensee Licensee should not have to cater to media  
REINECKE, R Affiliation Unknown 80/02/13 4pp
- 8003060456 Comments on proposed rule 10CFR50 workshop on 800115 did not mention Class 9 accident Urges NRC to sign UCB petition & close nuclear facilities near New York City & Chicago  
Conservation efforts are making nuclear power needless.  
KOMZOR, L Affiliation Unknown 80/01/20 1p
- 8003060464 Comments on proposed rule 10CFR50, no plant should be allowed to use nuclear power unless people in 30-mile radius can be evacuated very quickly Conservation plan could make use of electricity grow even slower  
GANT, J Affiliation Unknown 80/01/23 1p
- 8003060469 Comments on proposed rule 10CFR50 personnel evacuated from 10-mile emergency planning zone should be hosted at least five miles outside 10-mile zone to reduce possibility of further relocation  
MITNICK, M H Indiana, State of 80/01/29, 2pp
- 8003060474 Comments on proposed rule 10CFR50, cost benefit analysis should be conducted comparing incremental cost of preparations & incremental reduction in dose-commitment in cost per man rem  
BRONSON, F L Affiliation Unknown 80/01/23 1p
- 8003060478 Comments on proposed rule 10CFR50 NRC concurrence should be necessary for applicant to obtain license Costs for emergency planning should be borne by licensee Offsite safety factors should be considered in cost of business  
HELLMAN, B Q Kentucky, State of, 80/01/23 3pp.
- 8003060482 Comments on proposed rule 10CFR50 NRC has priorities reversed Util & NRC should work out plan & local concurrence should be necessary for issuance of license. Finances of local govt already overly committed w/o addl responsibility.  
DELOACH, J W Richland County, SC 80/01/07 7pp.
- 8003060487 Comments on proposed rule 10CFR50 too many loopholes exist in rule change No exemptions to NRC approval of plan prior to operation All plans should have simulated evidence of plan for at least one-third of population in safety zone  
THOMPQUIST, J , MCMILLAN, C , MANFIELD, A Affiliation Unknown 80/01/24 3pp
- 8003060732 Comments on proposed rule 10CFR50 good evacuation plan should contain at least 30-mile evacuation radius  
SMITH, E Affiliation Unknown 80/01/23 1p
- 8003060740 Comments on proposed rule 10CFR50 public hearings & workshops should have ground rules Person speaking should not be subjected to name calling Hearing officer could help to receive testimony  
WILLEN, J Y Scientists & Engineers for Secure Energy 80/01/17 1p
- 8003070004 Comments on proposed rule 10CFR50 air currents travel faster than evacuations ever could, in panic & traffic jams Old & tired facility should be shut down  
BENSON, J C Affiliation Unknown 80/01/18 1p
- 8003070010 Comments on proposed rule 10CFR50 facility should be shut down if evacuation plans are not accepted by NRC  
BIZEC, E Affiliation Unknown 80/02/13 1p
- 8003070013 Comments on proposed rule 10CFR50 nuclear emergency area around plants should be expanded to 50 miles Urges remote sitings  
BISHOP, M Affiliation Unknown 80/02/07 1p
- 8003070033 Comments on proposed rule 10CFR50 Ramapo Fault is wrong place to build nuclear power plant No safe places exist for nuclear power const Conservation program could eliminate 13% of energy we get from nuclear power  
KOBLOCK, L Affiliation Unknown 80/01/18 1p
- 8003070038 Comments on proposed rule 10CFR50 facility should be shut down Facility is riddled w/safety problems Facility has been down one-third of time since conception Placing lives of workers & public in danger is wrong  
PADJACK, B S Affiliation Unknown 80/02/07 1p
- 8003070046 Comments on proposed rule 10CFR50 workshop on 800115 in New York, NY accomplished next to nothing Rational discussion was impossible Public attendees were not cross-section of public Significant issues still unaddressed  
VANDENBURGH, D E Yankee Atomic Electric Co NYR-80-10 80/01/18 2pp
- 8003070048 Comments on proposed rule 10CFR50 waste element of nuclear energy generation cannot be ignored any longer NRC political & administrative structure should be expanded to act on waste problem  
\* Affiliation Unknown 80/02/07 2pp
- 8003070135 Comments on proposed rule 10CFR50 facility should be shut down Ten-mile radius is much smaller than actual radioactive limits Numerous mistakes in complex fuel cycle have already been made Burdening future generations is wrong  
TURNER, B Affiliation Unknown 80/01/18 2pp
- 8003070141 Comments on proposed rule 10CFR50 rule would compel util to work w/local & state govts Supports adoption & approval as condition of licensing  
ECKERT, J R Affiliation Unknown 80/01/21 1p
- 8003070237 Comments on proposed rule 10CFR50 appropriate emergency response plans must properly be developed by states State plans are appropriate level for NRC concurrence  
LEWIS, N D Washington, State of 80/01/15 2pp
- 8003070242 Comments on proposed rule 10CFR50 opposes proposed rule re safe evacuation plans Only way to avoid disaster is to phase out all nuclear reactors  
\* Affiliation Unknown 80/01/15 2pp
- 8003070270 Comments on proposed rules 10CFR30, 40, 50 & 70 NRC should provide guidance to rate making agencies re acceptable methods of decommissioning nuclear plants & provide criteria for determining applicable costs  
WENTWORTH, W C Northeast Utilities 80/02/19 8pp
- 8003070383 Comments on proposed rule 10CFR50 meetings re emergency evacuation plans are waste of time Nuclear plants should not be built near populated areas  
FRIEDMAN, F Affiliation Unknown 80/01/22 2pp

# NONDOCKETED ITEMS

361

8003100234 Transcript of Advisory Committee on Medical Use of Isotopes 800118 hearing in Silver Spring, MD Pp 1-197  
CUNNINGHAM, R E Division of Fuel Cycle & Material Safety  
COLLINS, V P , ORLEM, M L Affiliation Unknown 80/01/18 221pp

8003110002 STI/PUB-433 V2  
"Mgt of Radwaste from Nuclear Fuel Cycle," proceedings of symposium, Vienna, 76/03/22-26, Vol 2  
\* Austria 76/03/26 424pp

8003110004 STI/PUB-433 V1  
"Mgt of Radwaste from Nuclear Fuel Cycle," proceedings of symposium, Vienna, 76/03/22-26, Vol 1  
\* Austria 76/03/26 395pp

8003110006 ORNL-TM-4224  
"Commercial High Level Waste Projections," facsimile report reproduced by AEC  
BLOMEKE, J D , NICHOLS, J P Oak Ridge National Laboratory 73/05/31 17pp

8003110007 ORNL-TM-3619  
"Ecological Environ Assessments Related to Federal Repository"  
DAHLMAN, R C , TANAKA, Y Oak Ridge National Laboratory 73/07/31 49pp

8003110010 UCRL-13934  
"Inventory & Sources of Transuranic Solid Waste"  
\* TERA Corp 78/08/31 232pp

8003110012 USGAD EMD-77-41  
"Nuclear Energy Dilemma Disposing of Hazardous Radwaste Safely," rept to Congress  
\* General Accounting Office 77/09/09 96pp

8003110014 SAND77-1816  
"Estimates of Relative Areas for Disposal in Bedded Salt of LWR Wastes from Alternative Fuel Cycles"  
LINCOLN, R C , LARSON, D W , SIBSON, C E Sandia Laboratories 78/01/31 220pp

8003110014 SAND77-1816  
"Estimates of Relative Areas for Disposal in Bedded Salt of LWR Wastes from Alternative Fuel Cycles"  
LINCOLN, R C , LARSON, D W , SIBSON, C E Sandia Laboratories 78/01/31 220pp

8003110018 ORNL-TM-3965  
"Projections of Radwastes to be Generated by US Nuclear Power Industry"  
BLOMEKE, J D , KEE, C W , NICHOLS, J P Oak Ridge National Laboratory 74/02/28 118pp

8003110018 SAND79-0531 V1  
"Immobilization of Defense High Level Waste Assessment of Technological Strategies & Potential Regulatory Goals," Vol 1  
\* Sandia Laboratories 79/06/30 150pp

8003110019 ORNL-TM-4631  
"Projected Shipments of SNM & Wastes by Nuclear Power Industry"  
BLOMEKE, J D , KEE, C W , SALMON, R Oak Ridge National Laboratory 71/08/31 63pp

8003110023 ERDA-1537  
"FEB Waste Mgt Operations, Savannah River Plant, Aiken, SC"  
LIVERMAN, J L Energy Research & Development Admin (Presently DOE).  
ERDA-1537 77/09/30 726pp Available at NTIS \$15 00

8003110027 EPA-520/9-73-003-C  
"Environ Analysis of U Fuel Cycle, Part 2 Nuclear Power Reactors"  
\* Environmental Protection Agency PB235805 73/11/30 178pp

8003110029 SAND79-0531 V2  
"Immobilization of Defense High Level Waste: Assessment of Technological Strategies & Potential Regulatory Goals," Vol 2  
\* Sandia Laboratories 79/07/24 105pp

8003110031 DOE/EIS-0023  
"FEB Long-Term Mgt of Defense High Level Radwastes (R&D Program for Immobilization), Savannah River Plant, Aiken, SC"  
\* Energy, Dept. of DOE/EIS 0023 79/11/30 307pp

8003110032 EPA-520/9-73-003-D  
"Environ Analysis of U Fuel Cycle, Part 3 Nuclear Fuel Reprocessing"  
\* Environmental Protection Agency 73/10/31 148pp

8003110033 LBL-7073  
"Mechanical & Thermal Design Considerations for Radwaste Repositories in Hard Rock," Parts 1 & 2  
COOK, C W , WITHERSPON, P A California, Univ of, Berkeley SAC-10 78/10/31 27pp

8003110035 YID-29018  
"Earth Science Technical Plan for Mined Geological Disposal of Radwaste," draft  
\* Energy, Dept of \* Interior, Dept of, Geological Survey 79/01/31 160pp Available at NTIS \$8 00

8003110036 EPA-520/4-76-017  
"Environ Analysis of U Fuel Cycle, Part 4 Supplementary Analysis, 1976"  
\* Environmental Protection Agency PB 259 857 76/07/31 143pp Available at NTIS

8003110037 ERDA-77-42/1 V1  
"Alternatives for Long-Term Mgt of Defense High Level Radwaste Savannah River Plant, Aiken, SC," Vol 1  
\* Energy Research & Development Admin (Presently DOE) 77/05/31 280pp Available at NTIS \$10 00

8003110039 BNWL-2051 PART 2  
"Radiation Effects in Solidified High Level Wastes, Part 2 Helium Behavior"  
TURCOTTE, R P Battelle Memorial Institute, Pacific Northwest Laboratory 76/05/31 40pp

8003110041 ANL-78-B  
"Studies of Nuclear Waste Migration in Geologic Media," annual rept, Nov 1976-Oct 1977  
SEITZ, M G , RICKERT, P O , FRIED, S M Argonne National Laboratory 78/03/31 43pp

8003110042 ARH-2888  
"Retrievable Surface Storage Facility Alternative Concepts Engineering Studies"  
\* Atlantic-Richfield Co AT (45-1)-2130 74/07/31 400pp

8003110043 LA-6741-MS  
"Examination of Pathways from Soil to Man for Pu"  
HEALY, J W Los Alamos Scientific Laboratory UC41 77/04/30 99pp Available at NTIS \$15 00

8003110044 LBL-7082 V1  
"Swedish-American Cooperative Program on Radwaste Storage in Mined Caverns in Crystalline Rocks, Technical Rept 9 Theoretical Temp Fields for Stripa Heater Project," Vol 1  
CHAN, T , COOK, N O , TSANG, C F California, Univ of, Berkeley 78/09/30 53pp Available at NTIS \$5 25

8003110047 "Data Acquisition, Handling & Display for Heater Experiments at Stripa"  
MCEVOY, M B Lawrence Berkeley Laboratory SAC-14 79/02/28 80pp

8003110048 USGS-CIRC-779  
"Geologic Disposal of High Level Radwastes Earth Science Perspectives," USGS Circular 779  
BREDEHOEFT, J D , ENGLAND, A W , STEWART, D B Interior, Dept of, Geological Survey 78/12/31 19pp

8003110052 ANL-79-30  
"Studies of Nuclear Waste Migration in Geologic Media," annual rept, Oct 1977-Sept 1978  
SEITZ, M G , RICKERT, P O , FRIED, S M Argonne National Laboratory 79/07/31 68pp

8003110053 BNWL-9  
"Transition Rept for Quarter, Jul-Sept 1978"  
BATCH, J M Battelle Memorial Institute 78/09/30 72pp Available at NTIS \$8 00

8003110057 ERDA-77-42/2  
"Summary of Alternatives for Long-Term Mgt of Defense High Level Radwaste Savannah River Plant, Aiken, SC," Vol 2  
\* Energy Research & Development Admin (Presently DOE) 77/05/31 26pp Available at NTIS \$3 50

8003110058 ERDA-77-43  
"Alternatives for Long-Term Mgt of Defense High-Level Radwaste Idaho Chemical Processing Plant"  
\* Energy Research & Development Admin (Presently DOE) 77/09/30 172pp Available at NTIS \$6.75

## NONDOCKETED ITEMS

- 8003110059 WASH-1248  
"Environ Survey of U Fuel Cycle"  
\* Atomic Energy Commission - Deputy Director for Fuels & Mat  
7/4/04/30 475pp
- 8003110060 Proceedings of Symposium on waste mgt in Tucson, AZ on  
7/6/003-06  
\* Energy Research & Development Admin (Presently DOE) 76/10/06  
377pp Available at NTIS \$10.75
- 8003110066 DOE/ER-0004/D  
Draft "Rept of Task Force for Review of Nuclear Waste Mgt"  
\* Energy Dept of 78/02/28 167pp
- 8003110091 "Theoretical & Experimental Evaluation of Waste Transport in  
Selected Rocks, 1977 Annual Rept"  
APPS, J. A., LUCAS, J., MATKUR, A. K. California, Univ. of Berkeley  
77/12/31 148pp
- 8003110118 Comments on proposed rule 10CFR50 potential exists for  
massive destruction & death other than accident at nuclear  
plant State & local emergency planning should include  
nonradiological industrial accidents  
PONELL, S. C. Affiliation Unknown 80/02/07 3pp
- 8003110128 EPA-520/9-73-003-B  
"Environ Analysis of U Fuel Cycle, Part 1 Fuel Supply"  
\* Environmental Protection Agency PB235804 73/10/31 201pp
- 8003120690 Response to NRDC 800214 motion to direct certification of  
NRC rule in rulemaking record development re radwaste  
storage & disposal Urges denial of substantive relief re  
soliciting independent expert opinions W/Certificate of Svc  
AXELRAD, M. Edison Electric Institute AXELRAD, M.  
Lounstein, Neuman, Reis, Axelrad & Toll 80/02/26 12pp
- 8003130006 Comments on proposed rule 10CFR50 ten-mile radius is  
inadequate distance for New York City evacuation plans Long  
Island residents will have backs to ocean & Shoreham &  
Jamesport sites blocking escape  
BEHAN, J. L. New York, State of 80/01/23 1p
- 8003130083 Comments on proposed rule 10CFR50 NRC owes public more  
than two recent comment hearings in Ossining, NY & workshop  
in NY City. Requests evidentiary hearing where utils can be  
cross-examined under oath  
FLEISHER, Z. S. Affiliation Unknown 80/02/07 1p
- 8003130088 Comments on proposed rules 10CFR70 & 73 monitoring two  
BNM shipments of low strategic significance would impose  
addl hardship on production of nuclear medicine products  
VOTH, M. H. Union Carbide Corp 80/02/12 2pp
- 8003130096 Comments on proposed rule 10CFR50-NRC should investigate  
costs of implementing probable plans vs cost of closing  
plant  
FLEISHER, Z. S. Affiliation Unknown 79/12/27 1p
- 8003130100 Comments on proposed rule 10CFR50 NY city council holding  
hearing on Indian Point re safety & continued operation  
Repts & articles have identified many reasons why plant  
should be shut down No effective plan can be advised  
MESSINGER, R. Affiliation Unknown 80/01/15 1p
- 8003130102 Comments on proposed rule 10CFR50 NRC is overreacting as  
result of TMI accident Should promptly assist states in  
developing plans & license plants that are complete  
HOWARD, A. S. Affiliation Unknown 80/02/13 1p
- 8003130104 Order re 800129 first prehearing conference held on proposed  
rulemaking concerning storage & disposal of radwaste EIA not  
required per NEPA Spent fuel pools reworking & safety of  
transportation beyond scope of proceeding Sets schedule  
MILLER, H. E. Commission 80/02/01 12pp.
- 8003130107 Comments on proposed rule 10CFR50, public & official sectors  
should be separated to meet need of both at meetings NRC  
should consider more direct financing of planning activities  
& define role of agency in case of accident  
PAGANO, C. L. New Jersey, State of 80/01/16 1p
- 8003130311 Discusses development of NRC data bank on waste storage &  
disposal for use in proposed rulemaking on storage &  
disposal of nuclear waste DOE bibliography being sent to DOE  
ofcs listed in encl.  
BROWN, D. F. Energy Dept of 80/02/12 7pp
- 8003130601 Comments on proposed rule 10CFR50 reduction of pressure test  
requirements would offer hole in containment bucket for  
future pressure spikes to enlarge upon  
BATES, A. Affiliation Unknown 80/02/08 1p
- 8003140039 Comments on proposed rule 10CFR50 Supports proposal if  
emergency evacuation plan is required to be filed before  
nuclear facility allowed to go on line  
SHEPHERD, J. M. Shepherd, J. M. MD 80/02/11 1p
- 8003140145 Comments on NUREG-0584, Revision 1 funding over reactor life  
(negative net salvage depreciation) should be favored over  
funding at commissioning Forwards "Cost Comparisons of Power  
Reactor Decommissioning Financing Alternatives"  
REYNOLDS, N. S. Debevoise & Liberman 80/02/22 7pp
- 8003140152 "Cost Comparisons of Power Reactor Decommissioning  
Financing Alternatives," by Util Decommissioning Group  
\* Arkansas Power & Light Co 80/02/22 72pp
- 8003140153 Memorandum in support of NRDC 800214 motion to direct  
certification of NRC rule in rulemaking record development  
re radwaste storage & disposal Joins State of WI position  
seeking NRC active participation Certificate of Svc encl  
BROWN, W. J., MUCHNICK, E. D. Ohio, State of 80/02/26 11pp
- 8003140445 Comments on proposed rule 10CFR50 evacuation plans are  
pointless Suggests closing nuclear power plants to save  
New York, NY economy & people  
TOSCANI, K. Affiliation Unknown 80/01/25 1p
- 8003140473 Comments on proposed rule 10CFR50 NRC licensing or continued  
licensing should be contingent upon NRC concurrence in  
state & local emergency response plans  
THOMAS, L. M. South Carolina, State of 80/01/31 12pp
- 8003170088 Comments on proposed rule 10CFR50 imposes significant burden  
on local communities & states Adoption of 10-mile or 50-mile  
emergency planning zone is based on accidents involving core  
melt & breach of containment  
COUNCIL, W. G. Connecticut Yankee Atomic Power Co 80/02/21 5pp
- 8003170096 Comments on proposed rule 10CFR50 plume exposure pathway of  
10-mile radius unrealistically low in value Outlines changes  
in regulatory language  
MILLER, J., DESEIFE, S., HALE, M. E. Affiliation Unknown 80/02/19  
4pp
- 8003170097 Comments on proposed rule 10CFR50 overall goals of program  
remain unchanged & safety margins not reduced  
SHERWOOD, G. Q. General Electric Co 80/01/17 1p
- 8003170100 Comments on proposed rules 10CFR70 & 73 change in  
transportation of BNM of moderate strategic significance  
leaves open possibility of comingling licensed shipment  
w/DOE license exempt shipments  
WEISZ, G. Energy Dept of 80/02/12 1p
- 8003170102 Comments on proposed rules 10CFR70 & 73 supports adoption of  
rule Suggests written cooperative agreement between NRC &  
state re responsibility & authority for monitoring safe  
transportation of hazardous mail through state  
HURLEY, W. D. Utah, State of 80/02/06 1p
- 8003170103 Comments on proposed rule 10CFR2 202 direction of issuing  
licenses during emergency must be accomplished by person  
familiar w/plant operations & operations' effect on plant  
& public safety  
KAPLAN, A. L. General Electric Co 80/01/30 1p
- 8003170106 Comments on proposed rule 10CFR73 addl controls on movement  
of BNM vague & hard to interpret Rule may increase threat  
of diversion of BNM & adds to burdening of scheduling of  
research reactor community  
MCINTY, D., BRUGGER, R. M. Missouri, Univ. of, Columbia 80/02/07  
2pp
- 8003170107 Comments on proposed rule 10CFR32 recommends wording for  
statement proposed in 32 26(b)(2)(i) to label detector  
TAPERT, A. C. HEW Dept of, US Public Health Service 80/02/19 2pp
- 8003180045 Comments on proposed rule 10CFR50 opposes evacuation plans  
& suggests permanent shutdown of nuclear plants  
LEVERIS, E. D. Affiliation Unknown 80/01/27 1p
- 8003180144 PR-256 903  
"Model for Calculating Effects of Liquid Waste Disposal in  
Deep Saline Aquifer," Parts I & II  
\* Interior, Dept of, Geological Survey 76/06/30, 225pp Available  
at NTIS

# NONDOCKETED ITEMS

36

- 8003180146 EPA-520/4-79-007 VC  
"Technical Support of Stds for High Level Radwaste Mgt,"  
Vol C re migration pathways  
\* Environmental Protection Agency 7/07/31 217pp
- 8003180149 EPA-520/4-79-007 VA  
"Technical Support of Stds for High Level Radwaste Mgt,"  
Vol A re source term characterization  
\* Environmental Protection Agency EPA 68-01-4470 7/07/31  
250pp
- 8003180154 TID-28817  
Draft "Rept to President by Interagency Review Group on  
Nuclear Waste Mgt"  
\* Interagency Review Group on Nuclear Waste Management 78/10/31  
140pp
- 8003180161 EPA-520/6-78-007-B  
"Radionuclide Interactions W/Soil & Rock Media," Vol 2,  
Part A annotated bibliography  
\* Battelle Memorial Institute, Pacific Northwest Laboratory  
78/08/31 515pp
- 8003180166 EPA-520/6-78-007-B  
"Radionuclide Interactions W/Soil & Rock Media," Vol 2,  
Part B annotated bibliography  
\* Battelle Memorial Institute, Pacific Northwest Laboratory EPA  
520/6-78-07 78/08/31 400pp
- 8003180170 EPA-520/6-78-007-B  
"Radionuclide Interactions W/Soil & Rock Media," Vol 1 re  
processes influencing radionuclide mobility & retention;  
element chemistry & geochemistry  
AMES, L L Battelle Memorial Institute, Pacific Northwest Laboratory  
68-03-2514 78/08/31 331pp
- 8003180174 TID-28818  
Draft "Subgroup Rept on Alternative Technology Strategies  
for Isolation of Nuclear Waste"  
\* Interagency Review Group on Nuclear Waste Management 78/10/31  
200pp
- 8003180178 EPA-520/9-73-003-D  
"Environ Analysis of U Fuel Cycle," Part 3 re nuclear  
fuel processing  
\* Environmental Protection Agency 73/10/31 175pp Available at  
NTIS
- 8003180186 EPA-520/9-73-003-B  
"Environ Analysis of U Fuel Cycle," Part 1 re fuel supply  
\* Environmental Protection Agency 73/10/31 180pp Available at  
NTIS
- 8003180202 ANL-78-46  
Annual rept "Migration of Long-Lived Radioactive Processing  
Wastes in Selected Rocks," annual rept to Dfc of Waste  
Handling, EPA  
FRIED, S, FRIEDMAN, A M, COHEN, D Argonne National Laboratory  
W-31-109-ENG-38 77/12/31 49pp
- 8003180205 EPA-520/4-76-017  
"Environ Analysis of U Fuel Cycle," Part 4 supplementary  
analysis 1976  
\* Environmental Protection Agency EPA 520/4-76-01 76/07/31  
141pp Available at NTIS
- 8003180209 ORP/TAD-78/2  
"Survey of Available Methods of Solidification for  
Radwastes"  
HOLCOMB, F Environmental Protection Agency ORP/TAD-78-2  
78/11/30 100pp Available at NTIS
- 8003180214 ORP/CSD 79-1  
"Alternative Disposal Concepts for High Level & Transuranic  
Radwaste Disposal," prepared for EPA  
ALTONARE, P, BERNARDI, R, GABRIEL, D Mitre Corp 79/05/31 250pp
- 8003180220 DOE/ET-0094  
"Nuclear Waste Mgt Program Summary Document, FY80"  
\* Energy, Dept of 79/04/30 257pp
- 8003180226 LBL-7022  
"Theoretical & Experimental Evaluation of Waste Transport  
in Selected Rocks 1977 Annual Rept of LBL Contract 4590IAK,  
Waste Isolation Safety Assessment Program, Collection &  
Generation of Transport Data"  
APPE, J A, BENSON, L V, LUCAS, J Lawrence Berkeley Laboratory  
TID-4500-R66 77/09/30 130pp
- 8003180230 ORP/CSD-78-2  
"Proceedings of Public Forum on Environ Protection Criteria  
for Radwastes," 780330-0401, Denver, CO  
\* Environmental Protection Agency 78/05/31 158pp Available at  
NTIS
- 8003180237 LBL-7073  
"Mechanical & Thermal Design Considerations for Radwaste  
Repositories of Radwaste, Part II Appraisal of Hard Rock for  
Potential Underground Repositories in Hard Rock, Part II In  
Situ Heating Experiments in Hard Rock, Objectives & Design"  
COOK, N G W, WITHERSPON, P A Lawrence Livermore Laboratory \*  
California, Univ of, Berkeley SAC-10 78/10/31 30pp
- 8003180241 LBL-7062  
"Swedish-American Cooperative Program on Radwaste Storage in  
Mined Caverns in Crystalline Rock," Technical Info Rept 14  
re data acquisition, handling & display for heater  
experiments at strips  
HCEVOY, H B Lawrence Berkeley Laboratory 79/02/28 71pp
- 8003180246 ORP/CSD-77-2  
"Proceedings, Workshop on Policy & Technical Issues Pertinent  
to Development of Environ Protection Criteria for Radwaste,"  
Albuquerque, NM, 770412-14  
\* Environmental Protection Agency ORP/CSD 77-2 77/04/30 250pp  
Available at NTIS
- 8003180250 ERDA-77-44  
"Alternatives for Long-Term Mgt of Defense High Level  
Radwaste"  
\* Energy Research & Development Admin (Presently DOE) 77/09/30  
280pp
- 8003180256 NUREG/CR-0114  
"INREM If Computer Implementation of Recent Models for  
Estimating Dose Equivalent to Organs of Man From Inhaled or  
Ingested Radionuclide"  
KILLGUGH, O G, DUNNIGN, D E, PLEASANT, J C Oak Ridge National  
Laboratory FIN B-0188 ORNL/NUREG/TM-8 78/06/30 97pp
- 8003180258 Response in support of NRDC motion for directed  
certification re NRC role in compiling record on proposed  
rulemaking concerning storage & disposal of radwaste NRC  
must seek independent opinion W/Certificate of Svc  
HANSELL, D Illinois, State of 80/03/04 8pp
- 8003180260 INIS-MF-5010 V2  
"Handling & Final Storage of Unreprocessed Spent Nuclear  
Fuel," Vol 2  
\* Korn-Bransle-Sakerhet 78/12/31 190pp
- 8003180263 EPA-520/4-79-007 VB  
"Technical Support of Stds for High Level Radwaste Mgt,"  
Vol B re engineering controls  
\* Environmental Protection Agency 77/08/31 276pp
- 8003180266 EPA-520/9-73-003-C  
"Environ Analysis of U Fuel Cycle," Part 2 re nuclear power  
reactors  
\* Environmental Protection Agency 73/11/30 179pp Available at  
NTIS
- 8003180269 JPL 77-59 V1  
"Analysis of Back End of Nuclear Fuel Cycle W/Emphasis  
on High Level Waste Mgt," Vol 1  
ENGLISH, T D California Institute of Technology 77/08/12 60pp
- 8003180275 JPL 77-59 V2  
"Analysis of Back End of Nuclear Fuel Cycle W/Emphasis on  
High Level Waste Mgt," Vol 2  
ENGLISH, T D California Institute of Technology 77/08/12 260pp
- 8003180281 LBL-7082 V2  
"Theoretical Temp Fields for Strips Heater Project," Vol 2  
CHAM, T, COOK, G W, TSANG, C F Lawrence Berkeley Laboratory  
SAC-09 78/09/30 142pp
- 8003190072 Comments on draft NUREG-0584, NUREG-0690 & NUREG-0613 NRC  
should not impose specific methods & guidelines for  
decommissioning & decommissioning funding Addl comments will  
be submitted by util decommissioning group  
LARSON, H J Atomic Industrial Forum 80/02/22 5pp
- 8003190085 Forwards comments on proposed rule 10CFR32 NRC environ  
assessment underestimates health impact of disposing of  
Am-241 smoke detectors in ordinary landfill Mortality  
estimate is far too low NUREG/CR-1156 must be reconsidered  
LOCHSTET, W A Pennsylvania State Univ 80/02/12 4pp

## NONDOCKETED ITEMS

8003190318 Comments on proposed rule 10CFR50 on behalf of EEI Supports upgrading emergency plan Rulemaking should be one element which explicitly recognizes interrelationships among design siting & planning  
TROSTEN, L M LeBoeuf, Lamb, Leiby & MacRae 80/02/19 35pp

8003190380 Forwards comments on proposed rule 10CFR50 & 51  
AXELRAD, M Lowenstein, Neuman, Reis, Axelrad & Toll 80/01/28 1p

--8003190392 Summary of positions on proposed rules 10CFR50 & 51 re radwaste storage & disposal proceeding Precise issue identification should be left to Commission in second prehearing order Certificate of EVC encl  
\* Edison Electric Institute \* Lowenstein, Neuman, Reis, Axelrad & Toll 80/01/28 16pp

8003190402 Comments on proposed rule 10CFR50 supports resolution allowing local govts within 10 miles of nuclear plant to implement evacuation plan  
BRAEHLER, T F Affiliation Unknown 80/02/09 1p

8003190661 Comments on proposed rule 10CFR50 plant should not be allowed to operate since no effective evacuation plan has been devised NRC rating identified many problems which have not been corrected  
HESSINGER, R New York, NY 80/01/15 1p

8003190670 Comments on proposed rule 10CFR50 meeting fell short of meeting goals set by NRC re achieving understanding w/ emergency planners in various states Urges that future meetings should clearly separate public & official sectors  
PAGANO, C L Newark, NJ 80/01/16 1p

8003190679 Comments on proposed rule 10CFR50 commends NRC for taking action re evacuation plan as need for comprehensive & uniform policy is long overdue Ten-mile radius would be unworkable in New York City & should be reconsidered  
BEHAN, J L New York, NY 80/01/23 1p

8003190917 Comments on proposed rules 10CFR50 & 51 Commission 800201 prehearing conference order which precludes participants from challenging procedural questions severely limits public participation  
VARANTINI, E E California, State of 80/02/20 3pp

8003200112 Comments on proposed rule 10CFR50 supports comments of EEI Licensing or continued operation of nuclear plant should not be contingent on NRC concurrence in appropriate state & local plans  
ARTHUR, J E Rochester Gas & Electric Corp 80/02/21 8pp

8003200118 Comments on proposed rule 10CFR50 resolution of emergency planning issues should be integrated w/related issues of core melt mitigation & proposed siting Low probability events should not play dominant role in emergency planning  
ANDERSON, T W Westinghouse Electric Corp NS-TMA-2208 80/02/19 2pp

8003200121 Comments on proposed rule 10CFR50 FEMA role in emergency planning not adequately recognized & cost to util of implementation not considered Proposed regulations should be redrafted & submitted for public comment  
MCQUARRY, J M Debevoise & Liberman 80/02/19 3pp

8003200255 Comments on behalf of Southern CA Edison Co on proposed rule 10CFR50 certain provisions should be amended to prevent potential adverse consequences Suggested amends encl  
CASEY, B B , FLOTT, D R Chickering & Gregory 80/02/15 83pp

--8003200305 Forwards Southern CA Edison Co comments on proposed rule 10CFR50.  
CASEY, B B Chickering & Gregory 80/02/15 1p

8003200263 Forwards comments on proposed rule 10CFR50 specific proposals should be modified to present workable rules  
TOLL, D R Lowenstein, Neuman, Reis, Axelrad & Toll 80/02/19 23pp

8003200283 Analysis of public comments on advance notice of proposed rulemaking 10CFR61 on low level waste disposal regulation  
\* Commission 80/03/13 17pp

8003200324 Comments on proposed rule 10CFR50 requirements for NRC concurrence in state & local emergency plans is w/o legislative basis Notification of public within 15 minutes impractical Regulations should reflect FEMA lead role  
PARKER, W D Duke Power Co 80/02/19 6pp

8003200511 Comments on proposed rule 10CFR50 local residents should have voice in determining whether plant should be constructed Supports requirement for approval of evacuation plan before issuance of OL  
MILLER, J B Affiliation Unknown 80/02/15 1p

8003200514 Comments on proposed rule 10CFR50 cost to state & local govts & utils of implementing emergency response plan & cost to util of various public notification sys should be considered EIA should be prepared  
PARKER, W D Duke Power Co 80/02/19 2pp

8003200520 Comments on proposed rule 10CFR50 min emergency planning zone for plume exposure should be extended to 25 miles Issue of aquatic discharges re emergency planning & monitoring should be addressed  
WDLIVER, J Legal Aid Society of Clermont County, OH 80/02/13 2pp

8003200526 Comments on proposed rule 10CFR50 effectiveness of surveillance program not reduced Method of implementing program simplified & wordage reduced in Apps G & H by referencing acceptable industry codes & stds  
SHERWOOD, G G General Electric Co, Nuclear Energy Products Div MFN-015-80 80/01/17 1p

8003200593 Comments on proposed rule 10CFR50 social, economic & environ impacts of potential plant shutdowns & emergency plans should be considered in EIS  
ASH, R F Baltimore Gas & Electric Co 80/02/15 3pp

8003200624 Comments on proposed rule 10CFR50 on behalf of WA Public Power Supply Sys, FEMA role as lead agency must be reflected in final regulations Power of local govts to veto plant operation is unacceptable  
REYNOLDS, N S Affiliation Unknown 80/02/19 14pp

8003210001 Comments on proposed rule 10CFR50 supports upgrading radiological emergency preparedness capability of utils, states & locals Emergency preparedness approached in context of not being intimately related to siting & design  
KEARNEY, J J Edison Electric Institute 80/02/19 36pp

8003210335 Comments on proposed rule 10CFR50 should include more specific info on what criteria will be used by NRC as basis for review of emergency response plans All alternatives should be explored before facility is ordered to close  
JONES, G L Virginia, State of 80/02/11 2pp

8003240037 Comments on proposed rule 10CFR50 responsibilities for handling negotiations w/foreign companies located within 30-mile radius of emergency planning zone, should be addressed  
MECCA, J E Puget Sound Power & Light Co 80/02/15 2pp

8003240212 Comments on proposed rule 10CFR50 should specify max distances for emergency planning zones Protection of public should be overriding objective of emergency preparedness "Damage to property" should be defined  
HAUSER, J J Ebasco Services, Inc (subs of Enserch Corp) 80/02/11 4pp

8003240217 Comments on proposed rule 10CFR Recommends CP be revoked or suspended until regulations are finalized Terms "Significant" & "deficiency" require clarification  
TILLMAN, T C Affiliation Unknown 80/02/13 3pp

8003240340 Comments on proposed rule 10CFR50 confusing planning climate prevails nationally since TMI In effort to respond to public NRC places unrealistic schedule demands on emergency planning efforts of state & local personnel  
JONES, E E Illinois, State of 80/01/18 2pp

8003240462 Comments on proposed rule 10CFR50 favors proposal if filing of emergency evacuation plan is required before nuclear facilities begin operation  
SHEPARD, J M Affiliation Unknown 80/02/11 1p

8003240477 Comments on proposed rule 10CFR50 on behalf of UCS supports direct link between licensing & emergency planning Provision permitting plants to continue operating on basis of "compelling reasons" is open-ended & w/o definition  
WEISS, E R Sheldon, Harman & Weiss 80/02/19 54pp

8003240485 Comments on proposed rule 10CFR50, emergency response plans should contain contingency procedures for incidences related or unrelated to operation of nuclear power plant but having direct effect on operation  
BRADLEY, J P Affiliation Unknown 80/02/20 9pp

# NONDOCKETED ITEMS

365

- 8003240633 Ack receipt of 800201 ltr submitting views on recent emergency planning meeting in Ossining, NY Ltr being forwarded to NRC headquarters in Washington, DC  
ABRAHAM, K Region 1, Philadelphia, Office of the Director  
80/02/11 1p
- 8003240637 Discusses hearing held in Ossining, NY Opposes govt controls over power sources that increase costs Requests that ltr be considered as moderating opinion  
CRONIN, R W Affiliation Unknown 80/02/01 2pp
- 8003240634 Comments on proposed rule 10CFR50 FEMA role as lead agency re development of state & local radiological emergency plans must be recognized by NRC Shutdown of plants where local govts lack NRC concurrence w/plans is unacceptable  
HUNTER, R S Indiana & Michigan Electric Co 80/02/20 5pp
- 8003240639 Comments on proposed rule 10CFR50 required tests of containment air locks to once every 3 days during periods of frequent usage should not be further relaxed nor pressure testing reduced to lower design specified pressures  
BATES, A Affiliation Unknown 80/02/08 1p
- 8003240643 Comments on proposed rule 10CFR2 authority of NRC Executive Director for Operations to issue orders to licensees during emergencies should be limited to issuing license amendments for ongoing activities  
KAPLAN, A L General Electric Co, Nuclear Energy Products Div  
80/01/30 1p
- 8003250022 Forwards comments on proposed rule 10CFR50 on behalf of FL Power & Light, Houston Lighting & Power Co & other utils should clarify FEMA role & congressional policy re emergency planning before adapting rule  
TOLL, D R Lowenstein, Newman, Reis, Axelrad & Toll 80/02/19 23pp
- 8003250029 Comments on proposed rule 10CFR50 on behalf of AL Power Co, Carolina Power & Light Co, GA & other utils Suggests comment period be extended for addl 60 days following publication of NRC/FEMA acceptance of criteria document  
SILBERG, J E Shaw, Pittman, Potts & Trowbridge 80/02/19 49pp
- 8003250046 Comments on proposed rule 10CFR50 emergency plans should be fully implemented as precondition to licensing & public participation should be included in all stages of offsite emergency plan preparation  
GRIFFIN, R E Affiliation Unknown 80/02/15 27pp
- 8003250051 Comments on proposed rule 10CFR50 Alternative A inadequate, allowing continued operation & licensing w/o adequate emergency plans Exemptions to NRC concurrence should not be allowed Nuclear industry should be shut down  
HYDE, D W Affiliation Unknown 80/02/15 4pp
- 8003250083 Comments on proposed rule 10CFR50 opposes linkage between licensing & NRC concurrence in state & local emergency plans Commission should institute addl rulemaking proceedings re siting, design & emergency planning  
KEARNEY, J J Edison Electric Institute 80/02/19 36pp
- 8003250104 Comments on proposed rule 10CFR50 Price Anderson Act violates US constitution & citizen basic right to recover damages No moral defense for Price Anderson Act  
MOORE, C Affiliation Unknown 80/01/23 2pp
- 8003250111 Comments on proposed rule 10CFR50 supports concept of nuclear energy Processing of nuclear energy has not been given balanced attention, particularly waste element Focus must be on solving waste problem  
LEGO, W S Affiliation Unknown 80/01/22 2pp
- 8003250118 Comments on proposed rule 10CFR50 sheltering provision should be included in 50-mile emergency planning zone Responsibility & expense of emergency planning & implementation should be borne by util  
AAMDDT, M M Affiliation Unknown 80/02/19 2pp
- 8003250144 Comments on proposed rules 10CFR70 & 73, suggests rewording to preclude possibility that mixed shipments of licensed & DOE license-exempt shipments would exceed formula quantity of SSNM  
WEISZ, G Energy, Dept of 80/02/12 1p
- 8003250247 Comments on proposed rule 10CFR50 supports reactor not automatically being shut down if NRC concurrence is not met by prescribed deadline Rule should treat emergency planning requirements as license conditions subj to NRC review  
DELEGORGE, L D Commonwealth Edison Co 80/02/15 10pp
- 8003250252 Comments on proposed rule 10CFR50 unclear whether rule will condition licensing on existence of plans or mechanisms to fully implement emergency plans No justification given for setting emergency zone parameters  
CARR, H League of Women Voters of San Luis Obispo, CA 80/02/14 7pp
- 8003250258 Comments on proposed rule 10CFR50 supports NRC holding licensees more accountable in emergency planning & preparedness Cost is unresolved Rule inappropriate at this time  
JETT, G Federal Emergency Management Agency 80/02/19 17pp
- 8003250269 Forwards comments on proposed rule 10CFR50 constitutes major federal action significantly affecting quality of human environ Consideration of compliance costs is incomplete & unconvincing  
NEWMAN, J R Lowenstein, Newman, Reis, Axelrad & Toll 80/02/19 9pp
- 8003250475 Comments on proposed rule 10CFR50 final rules should include NRC review criteria Alternative A preferred Four classes of emergency action levels should be same for nuclear power plants & fuel cycle facilities  
JONES, G L Virginia, State of 80/02/11 2pp
- 8003260063 Forwards two corrected pages from 800222 util decommissioning group cost studies Three typographical errors are corrected  
HORN, W A Debevoise & Liberman 80/03/07 3pp
- 8003270068 Ack receipt of 800201 ltr expressing views re recent emergency planning meeting in Ossining, NY & issues concerning plant site  
ABRAHAM, K Region 1, Philadelphia, Office of the Director  
80/02/11 1p
- 8003270072 Expresses concern re press coverage of Ossining, NY hearing on plan Media & politicians are prone to sensationalism NRC should consider high energy costs in NY when deliberating on possible plant shutdowns  
CRONIN, R W Affiliation Unknown 80/02/01 2pp
- 8003270191 Comments on proposed rule 10CFR50 recommends proportionate findings based on local historical records for natural occurrences & natl average probability for nuclear emergencies Concurrence required clarification  
ASH, R F Baltimore Gas & Electric Co 80/02/15 3pp
- 8003310159 Comments on proposed rule 10CFR73 NRC should look into matter concerning transportation regulations Util made uneventful trial run, using 1-85/1-77 as routes Demonstration supports belief that 10CFR73 3/ should be flexible  
PARKER, W D Duke Power Co 80/01/22 2pp
- 8003310254 Comments on draft NUREG-0584, Revision 1 significant portion of licensees not rate-regulated investor-owned electric utils NRC should conduct comprehensive evaluation of financing mechanisms of all licensees  
TILLMAN, W F National Rural Electric Cooperative Association 80/02/28 3pp
- 8003310455 Comments on proposed rule 10CFR50 supports EEI comments Procedures for ensuring acceptable emergency plans should be flexible Incentives & sanctions should apply directly to state & local govts re upgrading plans  
ROBINSON, R K Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/14 2pp
- 8003310492 HVO-185 R1  
"Operational Radwaste Mgt Plan for NV Test Site," Revision 1  
\* Energy, Dept of 79/07/31 44pp Available at NTIS
- 8003110038 LBL-7052  
"Swedish-American Cooperative Program on Radwaste Storage in Mined Caverns in Crystalline Rock, Technical Project Rept 2 Large Scale Permeability Test of Granite in Stripa Mine & Thermal Conductivity Test"  
\* Sweden SAC-02 78/03/31 36pp
- PRM PETITION FOR RULEMAKING
- 8003050073 Transcript of 800220 Affirmation Session 80-7 in Washington, DC Pp 1-3  
\* Commission 80/02/20 4pp



## NONDOCKETED ITEMS

- 8003050139 SECY-80-022  
Requests NRC approval to publish notice of denial of TB  
Commer petition for rulemaking Draft FR notice & ltr to TB  
Commer encl Draft ltrs to Congress also encl  
SHAFAR, H K Office of the Executive Legal Director 80/01/15  
13pp.
- 8003060669 Forwards petition for separate rulemaking re portion of  
proposed emergency planning rule Urges development of  
appropriate alerting methods commensurate w/type & size of  
facility & site characteristics w/o use of 15 minute time  
KNUTH, D F KMC, Inc 80/02/14 2pp
- 8003120713 Forwards quarterly rept on petitions for rulemaking as of  
791231  
FELTON, J M Division of Rules and Records 80/01/24 22pp
- 8003130378 Forwards notice of filing of petition for rulemaking by  
State of IL & Porter County chapter of Isaac Walton League  
of America for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/01/29  
1p
- 8003130386 Notice of filing of petition for rulemaking by State of IL  
& Porter County chapter of Isaac Walton League of America  
to amend or rescind 10CFR50 55(b) "Domestic Licensing of  
Production & Utilization Facilities"  
CHILK, S J Office of the Secretary of the Commission 80/01/28  
9pp
- 8003140195 Forwards notice of denial of Boston Edison Co petition for  
rulemaking for FR publication  
CHILK, S J Office of the Secretary of the Commission 80/02/12  
1p
- 8003200115 SECY-79-660  
Recommends that Commission approve encl draft FR notice re  
amend to regulations to specify criteria for determining  
whether proposed amend to DL or CP involves no significant  
hazards consideration  
MINGUE, R B Office of Standards Development 79/12/13 21pp
- 8003200123 Forwards petition for proposed rulemaking  
LOWENSTEIN, R Lowenstein, Newman, Reis, Axelrad & Toll 76/05/07  
1p
- 8003200128 Petition for proposed rulemaking re amend to NRC rules  
specifying criteria for determining when proposed amend to  
DL involves no significant hazards consideration FR notice  
encl  
LOWENSTEIN, R Boston Edison Co LOWENSTEIN, R  
Lowenstein, Newman, Reis, Axelrad & Toll 76/05/07 14pp
- 8003200134 Comments on petition for rulemaking Objects to NRC rule  
eliminating public participation in licensing processes  
HASSEBACH, A E Affiliation Unknown 76/06/22 1p
- 8003200142 Comments on petition for rulemaking amend represents further  
erosion of freedom for apparent purpose of giving primacy to  
industry Need for nuclear power plants has not been proved  
JERAD, E Affiliation Unknown 76/06/30 1p
- 8003200149 Comments on petition for rulemaking consideration of all  
suggested mechanisms which could expedite decisionmaking  
process should be continued  
EICHELDINGER, C Westinghouse Electric Corp NS-CE-1162  
80/01/31 1p
- 8003200154 Comments on petition for rulemaking approved method of  
reaching determination available using NRC SRP & or reg  
guide  
CLARK, J R Nuclear Fuel Services, Inc (subs. of Getty Oil Co)  
76/08/09 2pp
- 8003200166 Comments on petition for rulemaking endorses petition for  
initiation of rulemaking proceeding Criteria for significant  
hazards consideration would reduce delay in approving  
license amends  
SHERWOOD, O G General Electric Co. 780-292-79, 76/08/10 2pp
- 8003200178 Forwards comments on petition for rulemaking. Proposed  
petition would restrict public right to participate in  
licensing determinations Congress intended broadest possible  
public participation in NRC proceedings  
DEPTULA, G C Union of Concerned Scientists. 76/08/13, 11pp
- 8003200183 Comments on petition for rulemaking current practices re  
prior public notice & opportunity for hearing should be  
maintained Proposed procedural changes would compromise  
right of public participation in proceedings.  
LEE, H. Massachusetts, State of. 76/08/12 1p.
- 8003200191 Comments on petition for rulemaking strongly supports  
changes suggested in body of petition Adoption would reduce  
uncertainty & unnecessary delays in implementation of  
proposed license amend  
VANDENBURGH, D E Yankee Atomic Electric Co 76/08/04 2pp
- 8003200198 Comments on petition for rulemaking reaffirms 760622  
comments re amend to regulations Public participation in  
licensing process should not be further limited  
HASSEBACH, A E Affiliation Unknown 76/09/28 2pp
- 8003200202 Forwards record of 760917 telcon re 760630 ltr commenting on  
petition for rulemaking Requests verification of accuracy  
HARRISON, W M Office of Standards Development 76/11/08 2pp
- 8003200211 Adds comments to NRC 761108 ltr of 760917 telcon re  
petition for rulemaking Draft Congressional ltr & executive  
legal director views & analysis attached  
DEPTULA, G C Union of Concerned Scientists 76/11/18 34pp
- 8003200220 Comments on petition for rulemaking policy question more  
than minor & warrants press release Criteria for no  
significant hazards determination & draft press release  
encl  
RENNEKE, A Office of Policy Evaluations 79/09/07, 10pp
- 8003240602 Forwards WK Watson 800108 ltr re petition to amend  
10CFR50 13 for consideration  
JACKSON, H M Senate, Energy & Natural Resources 80/02/07 13pp
- 8003250177 Comments on petition for rulemaking 50-26 Requests NRC  
position re vulnerability to possible enemy action in design  
of nuclear power plants  
DIRCKS, N D House of Rep 80/03/15, 1p

## PROJECTS - PREDOCKET LICENSING

- 8003030101 Expresses apology for 800117 ltr to ASLB containing  
erroneous statement re failure of PG&E to respond to  
interrogatories by 791115 Misdirected response later found  
STRUMWASSER, M, DEUKMEJIAN, G California, State of 80/02/13 1p
- 8003040176 Assigns responsibilities for final OEIS Must develop  
provisional long-term environ monitoring requirements for  
demonstrating compliance w/applicable reclamation criteria  
First drafts of assigned efforts due by 800321  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/15 1p
- 8003040181 Assigns responsibilities for final OEIS Project managers  
must review applicant & operator submittals & extract  
pertinent info re costs connected w/tailings mgt Results due  
by 800219  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/14 1p
- 8003050650 Confirms 800207 telcon re tentative agreement on discovery  
procedure to be followed by Northern CA Power Agency  
members Separate procedures will deal w/members not  
subjected to file search  
ADRAGNA, J M Spiegel & McDiarmid 80/02/14 4pp
- 8003060301 Responds to 800206 telcon re issue of technical concern to  
be considered in preparation of final OEIS Will continue  
to expand technological data base & U milling & tailings.  
MARTIN, D E Uranium Recovery Licensing Branch 80/02/08 2pp.
- 8003060512 Forwards draft stipulation re Southern CA Edison Co  
subpoena Original stipulation will be forwarded for  
signature when language has been agreed upon & NRC & Edison  
have executed agreement Draft order encl  
GOLDBERG, J R Antitrust Division 80/02/14 5pp
- 8003100137 Notifies that supply of draft OEIS (NUREG-0511) exhausted  
Reprint of 500 addl copies needed  
MARTIN, J B Division of Waste Management. 80/01/21 1p
- 8003130022 Order granting addl 10 days for PG&E to respond to CA Dept  
of Water Resources motion to answer three interrogatories  
MILLER, M E Atomic Safety and Licensing Board Panel. 80/02/27, 1p
- 8003130286 Forwards preliminary sub agenda for 800227-28 LOFT review  
group meeting in Salt Lake City, UT, EQ&O 800215 ltr  
describing L3-6 nuclear experiment plans encl.  
MCPHERSON, G D. Division of Reactor Safety Research. 80/02/14.  
16pp.
- 8003130289 Draft rept. "Loft Experimental Program Document"  
BURTT, J D. EQ & O, Inc 80/01/15, 90pp.

## NONDOCKETED ITEMS

--8003130298 "Left Experiment Operating Spec Operational Transient Test Series 16," Revision 0  
HARRIS, P A , WELLAND, H J EG & O, Inc 80/02/29 39pp

8003170092 Order directing applicant to respond to Interrogatory 289(b) w/complete & responsive answer  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/05 2pp

8003190780 Order directing Northern CA Power Agency NCPA to answer PQ&E fifth set of interrogatories, per ASLB 791102 order denying NCPA motion for protective order issued in response to PQ&E motion to compel fuller answers w/Certificate of Svc  
MILLER, M E Atomic Safety and Licensing Board Panel 80/01/16 4pp

8003190872 Order granting partial relief re CA Dept of Water Resources 800201 motion to compel PQ&E fuller answers to interrogatories PQ&E shall furnish complete & responsive answer to Interrogatory 289(b)  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/05 2pp

8003190910 Notice of appearance in proceeding Certificate of Svc encl  
PICKETT, D P Pacific Gas & Electric Co PICKETT, D P McCutchen, Doyle, Brown & Emerson 80/03/04 4pp

8003190914 Order granting 10-day extension for City of Santa Clara, CA, member of Northern CA Power Agency, to individually respond to PQ&E fifth set of interrogatories  
MILLER, M E Atomic Safety and Licensing Board Panel 80/03/07 1p

8003200257 Amend 42 to FSAR  
SCHADE, A R Hanford Engineering Development Laboratory  
HEDL-TI-75002-4 80/C /19 36pp

8003250086 Provides comments & evaluation on NUREG-0511, Vol 1, "Draft CEIS on U Milling." Submits info to improve credibility of credibility of final EIS & improve capability of public participation  
WINGARD, G Affiliation Unknown 15605. 80/01/18 2pp

8003250295 Response in opposition to CA Dept of Water Resources motion to compel further answers to fourth set of interrogatories  
Urges deferral of identification of group which desires anonymity re cogeneration project Certificate of Svc encl  
ARMSTRONG, W H , DOYLE, M M Pacific Gas & Electric Co  
ARMSTRONG, W H McCutchen, Doyle, Brown & Emerson 80/02/26 6pp

8003280311 Notice of G Herrington 800318 deposition at McCutchen, Doyle, Brown & Emerson ofc. San Francisco, CA, re irrigation & purchase of energy negotiations Certificate of Svc encl  
PICKETT, D P , ARMSTRONG, W H Pacific Gas & Electric Co  
PICKETT, D P McCutchen, Doyle, Brown & Emerson 80/03/04 5pp

8003250318 Supplemental answers by CA Dept of Water Resources to PQ&E fifth set of interrogatories Includes info re proposed electric power resources & const of new transmission plants making efficient use of generation Certificate of Svc encl  
BYNUMWASSER, M , DEUKMEJIAN, G California, State of 80/02/29 2pp

8003270124 Motion seeking 10-day extension for City of Santa Clara, CA, member of Northern CA Power Agency, to respond to PQ&E fifth set of interrogatories Responses are in final stage of preparation Certificate of Svc encl  
TRAUGER, T C, California, State of TRAUGER, T C Spiegel & McDiarmid 80/03/03. 4pp

8003280008 Notice of appearance in proceeding Certificate of Svc encl  
NICHOLS, S C Anaheim, CA NICHOLS, S C Riverside, CA  
NICHOLS, S C Spiegel & McDiarmid 80/03/17 3pp

8003280620 Details procedures, policies, responsibilities & schedule completion dates for production of App A, "Responses to Public Comments," of final OEIS  
MARTIN, D E Uranium Recovery Licensing Branch 80/02/26 36pp

8003280627 Order granting 10-day extension for City of Santa Clara, CA, member of Northern CA Power Agency, to individually respond to PQ&E fifth set of interrogatories  
MILLER, M E Atomic Safety and Licensing Board Panel. 80/03/07 1p

8003310264 Order granting 10-day extension for City of Santa Clara, CA, member of Northern CA Power Agency, to submit responses to PQ&E fifth set of interrogatories Certificate of Svc encl.  
MILLER, M E Atomic Safety and Licensing Board Panel. 80/03/07. 4pp

8003310437 Forwards draft DOE analysis rept, "Commercial Nuclear & U Market Forecasts for US & World Outside Communist Areas"  
DOE data should be used in updating & revising Chapter 3 of draft OEIS  
MARTIN, D E Uranium Recovery Licensing Branch 80/02/12 2pp

--8003310441 Draft analysis rept, "Commercial Nuclear & U Market Forecasts for US & World Outside Communist Areas"  
CLARK, R , REYNOLDS, A W Energy, Dept of 79/12/31 61pp

### QA999 QUALITY ASSURANCE INSPECTIONS

8003100097 Ack receipt of 800131 ltr informing NRC of steps taken to correct deviation noted in QA Program Insp Rept  
99900028/79-02  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/02/15 1p

--8003100111 Forwards QA Program Insp Rept 99900028/79-02 on 791203-07 notice of deviation  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/01/07 2pp

--8003100117 Notice of deviation from insp on 791203-07  
\* Region 4, Dallas, Office of the Director 80/01/04 1p

--8003100124 QA Program Insp Rept 99900028/79-02 on 791203-07 Noncompliance noted welding on guard pipe subassembly for main steam penetration not performed within ampereage & gas flow range  
HUNNICUTT, D M , OLLER, R E Region 4, Dallas, Vendor Inspection Branch 80/01/04 12pp

8003100104 Responds to NRC 800107 ltr re deviation noted in QA Program Insp Rept 99900028/79-02 Corrective actions welders notified in writing that procedures must be followed  
SEAY, J L Chematron Corp , Tube Turns Div 80/01/31 2pp

8003100141 Forwards QA Program Insp Rept 99900262/79-02 on 791210-13 No noncompliance noted  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/01/15 2pp

--8003100147 QA Program Insp Rept 99900262/79-02 on 791210-13 No noncompliance noted Major areas inspected design & document control, design verification, mfg process control, control of special processes, weld heat treating & visual examination  
WHITESSELL, D E , KELLEY, W D Region 4, Dallas, Vendor Inspection Branch 80/01/14 12pp

8003100217 Ack receipt of 800118 & 791130 ltrs informing NRC of steps taken to correct deviation noted in QA Program Insp Rept  
99900038/79-02  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/02/14 1p

--8003100221 Responds to NRC 791219 ltr requesting addl info re deviation noted in QA Program Insp Rept 99900038/79-02 Corrective actions notice issued by QA manager to call attention to vendor qualification procedure  
AKANO, H Ishikawajima - Harima Heavy Industries Co , Ltd  
GAO-01-006 80/01/18 8pp

--8003100223 Forwards QA Program Insp Rept 99900038/79-02 on 790904-05 notice of deviation  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 79/11/06 2pp

--8003100225 Notice of deviation from insp on 790904-05  
\* Region 4, Dallas, Office of the Director 79/11/02 1p

--8003100228 QA Program Insp Rept 99900038/79-02 on 790904-05 Noncompliance noted inclusion of mail manufacturer on approved vendor list w/o prior resolution of survey deficiencies.  
HUNNICUTT, D M , BARNES, I Region 4, Dallas, Vendor Inspection Branch 79/11/02 24pp.

8003100237 Forwards QA Program Insp Rept 99900058/79-02 on 791126-28 No noncompliance noted.  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/01/07 2pp

--8003100242 QA Program Insp Rept 99900058/79-02 on 791126-28 No noncompliance noted Major areas inspected design document control, procurement control, evaluation of supplier performance, mfg process control & welding processes  
WHITESSELL, D E , KELLY, W D Region 4, Dallas, Vendor Inspection Branch 80/01/03. 13pp

## NONDOCKETED ITEMS

8003110095 Forwards GA Program Insp Rept 99900064/79-01 on 791210-14  
No noncompliance noted  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/15  
2pp

--8003110096 GA Program Insp Rept 99900064/79-01 on 791210-14 No  
noncompliance noted Major areas inspected followup on IE  
bulletins & circulars, reported deficiencies & action on  
previous insp findings  
WHITESELL, D E , BROWN, R L Region 4, Dallas, Vendor Inspection  
Branch 80/01/14 11pp

8003110099 Forwards GA Program Insp Rept 99900321/79-01 on 791126-29  
No noncompliance noted  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/14  
2pp

--8003110103 GA Program Insp Rept 99900321/79-01 on 791126-29 No  
noncompliance noted Major areas inspected action on previous  
findings, authorized nuclear inspector interface, procurement  
& mfg process control  
WHITESELL, D E , HUNTER, V H Region 4, Dallas, Vendor Inspection  
Branch 80/01/11 1pp

8003120285 Forwards GA Program Insp Rept 99900295/79-01 on 791212-14  
No noncompliance noted  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/16  
2pp

--8003120291 GA Program Insp Rept 99900295/79-01 on 791212-14 No  
noncompliance noted Major areas inspected initial mgt  
meeting, GA manual/program, design review/production testing  
HUNNICUTT, D M , AGEE, J R Region 4, Dallas, Vendor Inspection  
Branch 80/01/16 8pp

8003130090 Ack receipt of 800214 ltr informing NRC of steps taken to  
correct deviation noted in GA Program Insp Rept  
99900081/79-02  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/02/27  
1p

--8003130092 Responds to NRC 800115 ltr re deviation noted in GA Program  
Insp Rept 99900081/79-02 Corrective actions updated three  
deviating matl repts indicating preventive action  
PERRY, J A Exxon Nuclear Co , Inc (subs of Exxon Corp )  
80/02/14 3pp

--8003130095 Forwards GA Program Insp Rept 99900081/79-02 on 791210-13  
& notice of deviation  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/15  
2pp

--8003130097 Notice of deviation from insp on 791210-13  
\* Region 4, Dallas, Office of the Director 80/01/14 1p

--8003130099 GA Program Insp Rept 99900081/79-02 on 791210-13  
Noncompliance noted preventive action was not documented  
on deviating matl repts  
WHITESELL, D E , MCNEILL, W K Region 4, Dallas, Vendor Inspection  
Branch 80/01/14 7pp

8003130338 Ack receipt of 800129 ltr informing NRC of steps taken to  
correct deviation noted in GA Program Insp Rept 99900509/  
79-05  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/02/08  
1p

--8003130344 Responds to NRC 791231 ltr re deviation noted in GA Program  
Insp Rept 99900509/79-05 Corrective actions procedures  
necessary to govern GA operations are in place w/exception  
of record storage & retrieval of records  
CLEVELAND, N B Stone & Webster Engineering Corp 80/01/29 2pp

--8003130350 Forwards GA Program Insp Rept 99900509/79-05 on 791126-30 &  
notice of deviation  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 79/12/31  
2pp

--8003130356 Notice of deviation from insp on 791126-30  
\* Region 4, Dallas, Office of the Director 79/12/28 1p

--8003130366 GA Program Insp Rept 99900509/79-05 on 791126-30  
Noncompliance noted project mgt dept has not established all  
written procedures for operation of record retention ctr  
WEBSTER, E H Region 4, Dallas, Reactor Operations Nuclear Support  
Branch VALLISH, E J , MCFARLAND, C R Region 4, Dallas, Reactor  
Construction & Engineering Support Branch 79/12/28 22pp

8003130347 Ack receipt of 800124 ltr informing NRC of steps taken to  
correct deviation noted in GA Program Insp Rept  
99900250/79-01  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/02/22  
1p

--8003130351 Responds to NRC ltr re deviation noted in GA Program Insp  
Rept 99900250/79-01 Corrective actions WPS UE-8540 has been  
revised to include lower amperage ranges developed for  
smaller & thinner sizes of pipes  
SHEAL, L P Benjamin F Shaw Co (subs of Blount, Inc )  
80/01/24 3pp

--8003130358 Forwards GA Program Insp Rept 99900250/79-01 on 791113-16  
& notice of deviation  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 79/12/17  
2pp

--8003130361 Notice of deviation from insp on 791113-16  
\* Region 4, Dallas, Vendor Inspection Branch 79/12/14 2pp

--8003130368 GA Program Insp Rept 99900250/79-01 on 791113-16  
Noncompliance noted welding was not being performed within  
amperage range of applicable welding procedure spec  
ROBERDS, H W , JOHNSON, J M , HUNNICUTT, D M Region 4, Dallas,  
Vendor Inspection Branch 79/12/14 9pp

8003140114 Forwards GA Program Insp Rept 99900054/80-01 on 800107-10  
No noncompliance noted  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/18  
2pp

--8003140120 GA Program Insp Rept 99900054/80-01 on 800107-10 No  
noncompliance noted Major areas inspected design document  
control, design verification, control of special process-weld  
heat treatment & visual examination of welds  
WHITESELL, D E , KELLEY, W D Region 4, Dallas, Vendor Inspection  
Branch 80/01/18 7pp

8003140189 Ack receipt of 800208 ltr informing NRC of steps taken to  
correct violation deviation noted in GA Program Insp Rept  
99900510/79-04  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/02/22  
1p

--8003140200 Responds to NRC 800128 ltr re deviation noted in GA Program  
Insp Rept 99900510/79-04 Corrective actions GA manual has  
been revised to require annual eye test  
CURRANE, R A United Engineers & Constructors, Inc (subs of  
Raytheon Co ) 80/02/08 2pp

--8003140204 Forwards GA Program Insp Rept 99900510/79-04 on 791210-14 &  
notice of deviation  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/01/20  
2pp

--8003140210 Notice of deviation from insp on 791210-14  
\* Region 4, Dallas, Office of the Director 80/01/24 4pp

--8003140227 GA Program Insp Rept 99900510/79-04 on 791210-14  
Noncompliance noted no attendance or completion records kept  
for indoctrination of engineering personnel & control manual  
not updated  
HALE, C J , JOHNSON, J M , COSTELLO, J R Region 4, Dallas, Vendor  
Inspection Branch 80/01/24 15pp

8003190330 Ack receipt of 800131 ltr informing NRC of steps taken to  
correct deviation noted in GA Program Insp Rept  
99900017/79-01  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch 80/02/22  
1p

--8003190336 Responds to NRC 791217 ltr re deviation noted in GA Program  
Insp Rept 99900017/79-01 Corrective actions cautioned  
manufacturer to properly machine transitions at heavy wall  
sections Alerted personnel to inspect incoming fittings  
SCHWAB, G Dravo Corp. 80/01/31 5pp

--8003190344 Confirms 800121 telcon re extension until 800208 to reply  
to deviation noted in GA Program Insp Rept 99900017/79-01  
SCHWAB, G Dravo Corp 80/01/21 1p

--8003190349 Forwards GA Program Insp Rept 99900017/79-01 on 791127-29  
& notice of deviation  
POTAPOVS,U Region 4, Dallas, Vendor Inspection Branch. 79/12/17,  
2pp

--8003190354 Notice of deviation from insp on 791127-29,  
\* Region 4, Dallas, Office of the Director 79/12/14 1p

# NONDOCKETED ITEMS

369

--8003190361 GA Program Insp Rept 99900017/79-01 on 791127-29  
Noncompliance noted offset of welded joint exceeded that  
allowed by ASME Code immediate area around temporary  
attachments not marked as required  
ROBERDS, H W, HUNNICUTT, D M Region 4, Dallas, Vendor Inspection  
Branch 79/12/14, 5pp

8003270123 Forwards GA Program Insp Rept 9900114/80-01 on 800107-11 No  
noncompliance noted  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/02/08  
2pp

--8003270130 GA Program Insp Rept 99900110/80-01 on 800107-11 No  
noncompliance noted Major areas inspected procurement  
control, source evaluation audits & review of vendor  
activities  
SUTTON, J W, WHITESELL, D E Region 4, Dallas, Vendor Inspection  
Branch 80/02/06 17pp

8003270328 Forwards GA Program Insp Rept 99900111/79-01 on 791210-12  
No noncompliance noted  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/01/22  
2pp

--8003270335 GA Program Insp Rept 99900111/79-01 on 791210-12 No  
noncompliance noted Major areas inspected action on previous  
insp findings, GA manual/program, production testing & insp of  
const deficiency  
AGEE, J R, HUNNICUTT, D M Region 4, Dallas, Vendor Inspection  
Branch 80/01/18 8pp

8003310094 Ack receipt of 800229 ltr informing NRC of steps taken to  
correct deviation noted in GA Program Insp Rept  
99900274/80-01  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/03/10  
1p

--8003310097 Responds to NRC 800130 ltr re deviation noted in GA Program  
Insp Rept 99900274/80-01 Corrective actions organizational  
charts now delineate authority & duties of mgt personnel  
whose activities affect quality Organizational charts encl  
HANSEN, J F Forney Engineering, Inc 80/02/29 24pp

--8003310098 Forwards GA Program Insp Rept 99900274/80-01 on 800102-04  
& notice of deviation  
POTAPQVS, U Region 4, Dallas, Vendor Inspection Branch 80/01/30  
2pp

--8003310102 Notice of deviation from insp on 800102-04  
\* Region 4, Dallas, Office of the Director 80/01/28 2pp

--8003310104 GA Program Insp Rept 99900274/80-01 on 800102-04  
Noncompliance noted QC manual does not delineate authority  
& duties of mgt personnel whose activities affect quality  
No single record storage facility maintained  
HUNNICUTT, D M, AGEE, J R Region 4, Dallas, Vendor Inspection  
Branch 80/01/28 6pp

## REG00 REGULATORY GUIDES

8003050429 Comments on proposed Revision 2 to Reg Guide 1 97 re  
application to near-term OLS & backfitting at existing  
plants Requirements to have seismic spec for portable  
instrument should be excluded  
GEIGER, E L Eberline Instrument Corp E1916322 80/02/27 3pp

8003070259 Comments on draft reg guide, "Audible Alarm Dosimeters"  
Speaker vol tests should be conducted w/device in pocket  
Questions philosophy behind water immersion test.  
BRACKEBUSCH, L L Baird Corp PNL-254B, 80/01/16 10pp

8003110132 Forwards notice of issuance & availability of Reg Guide  
5 5B, Revision 1  
CHILK, S J Office of the Secretary of the Commission 80/02/22  
1p

--8003110140 Notice of issuance & availability of Reg Guide 5 5B, Revision  
1, "Considerations for Establishing Traceability of SNM  
Accounting Measurements"  
MINGQUE, R B Office of Standards Development 80/02/19 2pp

8003140033 Comments on proposed Reg Guides 1, B6 & B 21 difficult to  
reconcile limits for removable contamination in unrestricted  
area On Reg Guide B, 21 no difference exists between high  
toxicity & lower toxicity alpha emitters.  
DANIELSON, R N, Richard N Danielson & Associates 80/02/12 1p

8003140136 Forwards comments on proposed Reg Guide B 22 W/o encl  
MORTON, P W Gulf Nuclear, Inc 80/01/28 1p

8003140140 Requests NRC expedite final review & publication of Reg  
Guide 1 133, Revision 1, Draft 4 in present form.  
TAYLOR, J H Babcock & Wilcox Co 80/01/30 1p

8003140142 Requests extension of Reg Guide 1 136 comment due date to  
800315  
BARON, K I American Society of Mechanical Engineers 80/02/12 1p

8003140144 Requests add1 time to prepare comments on Reg Guide 1 97  
Revision 2  
D'ARDENNE, W H General Electric Co 80/02/08 1p

8003170111 Comments on proposed rule Reg Guide 1 136 regulatory  
position C-5 excessively restrictive Minor embedments re  
rebar supports & form ties should be excluded from  
requirements of CC-5210, Page 3  
DALL, L C Duke Power Co 80/02/01 1p

8003180129 Ack 800116 ltr Comments re design, testing & maint criteria  
for normal ventilation exhaust sys air filtration &  
adsorption units of light water cooled nuclear power plants  
will be considered in future revision of reg guide  
JONES, R J Assistant Director for Materials Safety Branch  
80/02/28 1p

--8003180132 Responds to Reg Guide 1 140 many bulletins issued after fact  
to cover oversights Reg guides should cover more important  
aspects not specifically covered elsewhere  
HAIDU, K R Affiliation Unknown 80/01/16 1p

8003190384 Comments on proposed Reg Guide 1 97 selection of process  
variables to include in accident monitoring instrumentation  
should follow identification of functions being satisfied  
BOETTGER, J T Institute of Electrical & Electronic Engineers  
80/02/13 5pp

8003190415 Comments on draft Reg Guide 1 139 delete C 2 a, "Upon  
loss of actuating power, isolation valves should be designed  
to take position that provides greater safety" Sentence  
would preclude std motor operated valve use  
GRIM, B P General Electric Co, Nuclear Energy Products Div  
80/01/10 1p

8003190891 Comments on proposed Reg Guides 1 B6 & B 21 recommended  
surface contamination limits impossible operationally  
DANIELSON, R N Affiliation Unknown 80/02/12 1p

8003190891 Comments on proposed Reg Guides 1 B6 & B 21 recommended  
surface contamination limits impossible operationally  
DANIELSON, R N Affiliation Unknown 80/02/12 1p

8003190921 Requests add1 time to comment on Reg Guide 1 97, Revision 2,  
due to complexity of considering plants operating under  
const & yet to be started Comments will be submitted 800229  
D'ARDENNE, W H General Electric Co, MFN-035-80, 80/02/08 1p

8003190973 Forwards comments on Reg Guide B 22 W/o encl  
MORTON, P W Gulf Oil Corp, Gulf Mineral Resources Co 80/01/28  
1p

8003200465 Comments on proposed reg guides, "Qualification & Acceptance  
Tests for Safety-Related Snubbers" Add1 provisions should  
be included for orifice valve snubbers & mechanical  
snubbers Test program appears to be excessive  
JACOBS, S B Stone & Webster Engineering Corp 80/01/30 10pp

8003200471 Comments on proposed Reg Guide 1 97 two hundred day  
functional qualification for Phase 2 instrumentation should  
be subj to indepth review of equipment availability  
Recommended leeway should only extend until qualified  
BALDARINI, J C Ebasco Services, Inc (subs of Enserch Corp)  
80/02/14 1pp

8003200476 Comments on proposed reg guide, "Measurement of Radiation  
Levels on Surfaces of Packages of Radioactive Matls" Fixed  
measurements distance close to package surface should be  
specified to prevent inadvertent personnel exposure  
ANDERSON, D M Bethlehem Steel Corp 80/02/14 3pp

8003200523 Comments on proposed Reg Guide 1 97 Revision 2 design  
objectives for accident monitoring need systematic &  
coordinated approach to provide adequate monitoring  
capability w/o degrading man-machine interface  
SULLIVAN, T J Consumers Power Co N-63 80/02/11 8pp

## NONDOCKETED ITEMS

- 8003200530 Comments on proposed Reg Guide 1 97 Revision 2 Position 1 should be deleted in favor of ACI 304-73, Section 5.2 No mixing point time limits should be set as long as concrete has satisfactory consistency & homogeneity  
VHRIQ, R E Florida Power & Light Co L-80-42 80/02/04 2pp
- 8003200537 Comments on proposed Reg Guide 1 97 ranges of instruments should be stated on individual basis re criteria developed in accident analysis & transients Sufficient flexibility must be instituted to allow coherent control room design  
VANBRUNT, E E Arizona Public Service Co ANPP-14752 80/02/13 3pp
- 8003240376 Comments on proposed Reg Guide 1 136, Revision 2 location of rebar should be of prime importance Measures should be taken to assure that hollow tube & pipe sections used as support sys are filled w/concrete  
BRETZ, P L United Engineers & Constructors, Inc (subs of Raytheon Co ) 80/01/27 2pp
- 8003240379 Comments on proposed Reg Guide 1 97, Revision 2 providing operator w/info on large number of parameters can increase operator confusion & detract from ability to diagnose & respond to accident  
WARD, J E Affiliation Unknown 80/02/15 37pp
- 8003240426 Comments on proposed Reg Guide 1 97 requirement for calibr & testing of accident monitoring instrumentation from sensor to readout during accident & post-accident phase w/o access to sensor is impractical  
VOLPE, F J Affiliation Unknown 80/02/05 6pp
- 8003240432 Comments on proposed Reg Guide 1 97, Revision 2 guide is too prescriptive & should be limited to delineating criteria against which licensee designs can be evaluated Revision could inhibit instrument development unique to plant  
SCHWEDERER, F Standardized Nuclear Unit Power Plant System 80/02/14 4pp
- 8003240447 Comments on proposed Reg Guide 1 97, Revision 2 table should distinguish between three phases of accident where significantly different modes of monitoring are required Status indicators should have independent power source  
WHITE, J O Houston Lighting & Power Co NSL-202 80/02/13 2pp
- 8003240603 Comments on proposed Reg Guide 1 97, Revision 2 design criteria for Type D variables should include functional capability w/o ref to Reg Guide 1 89 requirements Increasing functional equipment qualification period unjustified  
CAHN, A I Bechtel Power Corp (subs of Bechtel Corp ) 80/02/14 10pp
- 8003240626 Comments on proposed Reg Guide 1 97, Revision 2 Classifications B & D for accident monitoring instrumentation seem redundant Date for operating plant backfit implementation should be extended to 801231  
OLSON, R C L Baltimore Gas & Electric Co 80/02/13 16pp
- 8003240636 Comments on proposed Reg Guide 1 97, Revision 2 increasing qualification period for environ transients to 200 days of LOCA environ negates qualification programs underway or completed Emergency power vs critical bus unclear  
PEGPLES, D L Commonwealth Edison Co 80/02/13 26pp
- 8003240644 Comments on proposed Reg Guide 1 97, Revision 2 crossrefs should be provided for RCPB leakage detection requirements of Reg Guide 1 45 & bypass & inoperable status monitoring requirements of Reg Guide 1 47  
GEISLER, A H Brown & Root Corp (subs of Halliburton Corp ) 80-NL-052 80/02/13 10pp
- 8003250216 Forwards comments on proposed Reg Guide B 22, spikes for blind specimens should be random & of differing concentrations to achieve reliability Duplicates should be submitted to inhouse labs to prevent extraneous errors  
ZIMMERMAN, J J Affiliation Unknown 80/02/11 5pp
- 8003260479 Comments on proposed Reg Guide 1 97, Revision 2 crossrefs w/ requirement documents re operating instruments should be included, Marked-up draft reg guide encl.  
SOUTHWARD, B G Affiliation Unknown 80/02/11 34pp
- 8003260483 Comments on proposed Reg Guide B 22: calculations show in vivo bioassay for U ore dust should not increase worker protection Urine specimens should be collected at least 48-h after occupancy of yellowcake area.  
MORTIN, P W Gulf Oil Corp, Gulf Mineral Resources Co. DB OH 710-4 78/12/04 6pp
- 8003280667 Comments on proposed Reg Guide 01 136 requests extension until 800305 to file comments Committee members have been requested to send all comments to NRC attention  
BARON, K I American Society of Mechanical Engineers 80/02/12 1p
- 8003310016 Comments on proposed Reg Guide 01 133 comments NRC on work & content in proposed guide Content is appropriate for loose parts monitoring sys equipment Requests that actions be expedited for final review & publication  
TAYLOR, J H Babcock & Wilcox Co 80/01/30 1p
- 8003310022 Comments on proposed Reg Guide 1 136 regulatory position is excessively restrictive Requirements of CC-5210 should be applicable to major embedments such as plates, embedded piping, penetration sleeves & anchor bolts  
DAIL, L C Duke Power Co 80/02/01 1p
- 8003310163 Forwards final draft of PWR near-term OL group generic comments on proposed Revision 2 to Reg Guide 1 97  
JOHNSON, R F Duke Power Co 80/01/29 14pp
- RES RESEARCH AND TECHNICAL ASSISTANCE REPORTS
- 8003120618 "Advanced Instrumentation for Reflood Studies," foreign trip rept  
DUDLEY, I T, PAYNE, H R Oak Ridge National Laboratory FIN B-0413 80/02/06 11pp
- 8003120623 "Forecast Electricity Demand by State & by Util Svc Area," progress rept for Jan 1980  
CHERN, W S Oak Ridge National Laboratory FIN B-0190-B 80/02/04 4pp
- 8003120629 "Code Assessment & Applications Program," preliminary assessment rept  
ODDEN, D M EG & G, Inc FIN A-6048B 80/01/31 113pp
- 8003120634 "Fuel Behavior Analysis Development," internal rept  
REYHANN, G A EG & G, Inc FIN A-6050 80/01/31 27pp
- 8003120639 "Thermal Fuels Behavior Program"  
SMITH, R H EG & G, Inc FIN A-6041 80/01/31 55pp
- 8003120659 "Div of Reactor Safety Research-ORNL Programs," monthly highlights rept for Jan 1980  
MYNATT, F R Oak Ridge National Laboratory 80/02/10 31pp
- 8003130680 "Evaluation of Docket Files of Terminated Licenses," monthly progress rept for Jan 1980  
LANTZ, R M, DICKSON, H W Oak Ridge National Laboratory FIN A-7085-7 80/01/31 9pp
- 8003170148 "Safety-Related Reactor Physics Studies of NABAP Heavy Water Reactor"  
MALLIN, A N, TAKAHASHI, H, LUDEWIG, H Brookhaven National Laboratory FIN A-3000 79/10/31 82pp
- 8003180641 "Assessment of Radiation Doses Resulting From Releases of Rn-222 & Ra-226 From U Mining & Milling Activities," monthly progress rept for Jan 1980  
TRAVIS, C C, BOYER, L M M, WATSON, A P Oak Ridge National Laboratory FIN B-0281 80/02/19 8pp
- 8003190500 RIL-048  
Research Info Ltr 6B "Structural Integrity of Weld Repaired Pressure Vessels"  
LEVINE, S Office of Nuclear Regulatory Research 79/11/11 6pp
- 8003240092 "Detection of High Explosives Employing Chemiluminescence Reactions," quarterly progress rept for Sept-Nov 1979  
NEARY, M P Los Alamos Scientific Laboratory 80/02/20 12pp
- 8003260430 "Definition of Parameters for Major Accidents at Waste Solidification & Spent Fuel Storage Facilities," monthly progress rept for Jan 1980  
FREDERICK, E J Oak Ridge National Laboratory FIN B-0425 80/02/13 3pp
- 8003260436 "Impact of Decontamination on LWR Radwaste Treatment Sys," monthly progress rept for Jan 1980  
PERRIGO, L D Battelle Memorial Institute, Pacific Northwest Laboratory FIN B-2281 80/01/31 2pp
- 8003260449 "Experimental Criticality Data for Code Validation," monthly progress rept for Jan 1980.  
BIERMAN, S R Battelle Memorial Institute, Pacific Northwest Laboratory FIN B-2094 80/02/03 3pp

# NONDOCKETED ITEMS

371

8003260650 "Experimental Evaluation of Ventilation Sys Components During Large Pressure Pulses," monthly progress rept for Jan 1980  
GREGORY, W S Los Alamos Scientific Laboratory FIN A-7028  
80/02/12 3pp

8003260652 "Accident Induced Flow & Matl Transport in Nuclear Facilities," monthly progress rept for Jan 1980  
MARTIN, R A, GREGORY, W S Los Alamos Scientific Laboratory FIN A-7029 80/02/26 4pp

8003270170 "Physical Protection of Nuclear Matl In Transit," quarterly progress rept for Oct-Dec 1979  
SASSER, D W Sandia Laboratories FIN A-1173 80/01/21 4pp

8003270358 "Hudson River White Perch," quarterly progress rept for Oct - Dec 1979  
VALE WINKLE, W Oak Ridge National Laboratory FIN B-0423 79/12/31 2pp

8003280556 "Environ Assessments of Fuel Cycle Facilities," monthly progress rept for Jan 1980  
ZITTEL, H E Oak Ridge National Laboratory FIN B-0279  
ORNL/ED/CIS-120 80/01/31 4pp

8003280572 "Unified Transport for Power Plant Assessment (Radioisotopes)," monthly progress rept for Jan 1980  
ROU, T H Oak Ridge National Laboratory FIN B-0168-9  
ORNL/ED/EID-119 80/01/31 4pp

8003280575 "Acoustic Emission/Flaw Relationship for Inservice Monitoring of Nuclear Pressure Vessels," monthly progress rept for Feb 1980  
HUTTON, P H, KURTZ, R J Battelle Memorial Institute, Pacific Northwest Laboratory 80/03/14 4pp

8003280577 "Environ Statements Project," monthly progress rept Jan 1980  
ZITTEL, H E Oak Ridge National Laboratory FIN B-001  
ORNL/ED/EID-121 80/01/31 5pp

8003310152 "Steam Generator Tube Rupture Iodine Transport Mechanisms," monthly rept for Feb 1980  
DEKINING, R S Battelle Memorial Institute, Columbus Laboratories NRC-04-76-293 80/03/13 4p

8003310155 "Physical Protection of Nuclear Facilities," monthly progress for Jan 1980  
CHAPMAN, L D Sandia Laboratories FIN A-1060 80/02/15 7pp

## REVIEW GRP NRC RESEARCH REVIEW GROUPS

8003130286 Forwards preliminary sub agenda for 800227-28 LOFT review group meeting in Salt Lake City, UT 80/02/15 ltr describing L3-6 nuclear experiment plans encl  
MCPIERSON, G D Division of Reactor Safety Research 80/02/14 14pp

--8003130289 Draft rept, "Loft Experimental Program Document"  
BURTT, J D EG & G, Inc 80/01/15 90pp

--8003130298 "Loft Experiment Operating Spec Operational Transient Test Series 16," Revision 0  
HARRIS, P A, WELAND, H J EG & G, Inc 80/02/29 39pp

8003260023 Notification of 800328 meeting w/ Sandia Labs in Silver Spring, MD to discuss Sandia fire protection research plan  
FEIT, R Research Support Branch 80/03/11 2pp

8003260073 Notification of 800422 meeting w/Review Group in Silver Spring, MD to discuss "Assessment of Thermal Hydraulic Technology of Transition Phase of Core Disruptive Accident in LMFBR," BNL-27366, informal rept Agenda encl  
BASDEKAS, D L Division of Reactor Safety Research 80/03/14 2pp

8003260481 Forwards summary of Fire Protection Research Review Group 800213 meeting  
FEIT, R RRQ# 1-23, Elect Stand & Fire Protection, 80/03/04 1p

--8003260482 Summary of Fire Protection Review Group 800213 meeting in Bethesda, MD re flame test evaluation, replication test for Arkansas I & status of penetration fire stop testing  
FEIT, R RRQ# 1-23, Elect. Stand & Fire Protection 80/03/04 4pp

8003260500 Forwards summary of Qualification Testing Evaluation Research Review Group 800214 meeting in Bethesda, MD  
FEIT, R RRQ# 1-25, Qualification Testing Evaluation 80/03/05 2pp

--8003260507 Summary of Qualification Testing Evaluation Research Review Group 800214 meeting in Bethesda, MD re Commission-directed connector test research & research work  
FEIT, R RRQ# 1-25, Qualification Testing Evaluation 80/03/05 3pp

## SECY POSITION PAPERS BEFORE THE COMMISSION

8002190212 Requests Commission approval of notice of final rulemaking requiring medical licensees to keep records of all misadministrations, rept therapy misadministrations to NRC, referring physician & patient or responsible relative  
MINGUE, R B Office of Standards Development 80/01/16 85pp

8003040130 SECY-79 504A  
Forwards Executive Branch response re Transnuclear, Inc pending 800125 application to export low enriched U to France  
SHEA, J R Office of International Programs 80/02/08 1p

--8003040230 Executive Branch position re Transnuclear, Inc 800125 application to export 73 62 kg of U-235 contained in 900 kg of U to France Recommends that license be issued ltr of assurance encl  
NOBENZOL, V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/01/25 3pp

8003050073 Transcript of 800220 Affirmation Session 80-7 in Washington, DC Pp 1-3  
\* Commission 80/02/20 4pp

--8003050089 SECY-80-074  
Discusses NRC approval of delegation of authority to Executive Director of Operation to act as head of agency in matters concerning Opc of Special Counsel Recommends adoption of proposed delegation Draft memo encl  
BICKWIT, L Office of the General Counsel 80/02/08 3pp

--8003050095 SECY-80-064  
Forwards documents re disposition of PASNY FOIA appeal, filed 790615 Draft ltr to util encl  
BICKWIT, L Office of the General Counsel 80/02/01 2pp

--8003050116 SECY-80-025  
Requests NRC approval to publish proposed amend for public comment Recommends that NRC approve publication of amend for comment Draft proposed rule & congressional committee ltr encl  
MINGUE, R B Office of Standards Development 80/01/16 9pp

--8003050123 Preliminary value/impact assessment for proposed rulemaking re informal conference during insp Recommends NRC issue for comment proposed rule establishing IE authorization to schedule meetings w/ licensees representatives during insp  
\* Office of Standards Development 80/02/20 7pp

--8003050128 SECY-79-296A  
Proposes denial of Fialka FOIA appeal based upon CIA review  
BICKWIT, L Office of the General Counsel 80/01/24 2pp

--8003050133 SECY-79-296  
Proposes denial of Fialka FOIA appeal Draft responses encl  
KELLEY, J L Office of the General Counsel 80/01/24 4pp

--8003050139 SECY-80-022  
Requests NRC approval to publish notice of denial of TB Conner petition for rulemaking Draft FR notice & ltr to TB Conner encl Draft ltrs to Congress also encl  
SHAPAR, H K Office of the Executive Legal Director 80/01/15 13pp

8003140155 SECY-79-330Q  
Advices of Commission actions re four items in response to SJ Chikl 791127 memo Recommendations of TH1-2 Lessons Learned Task Force, NUREG-0585, Item 1 & on Page A-7 should be included in qualifications of power reactor operators  
BEHTON, H R Office of Nuclear Reactor Regulation 79/12/21 2pp

8003190578 SECY-80-075  
Discusses repts generated & actions initiated by other countries subsequent to TH1-2 accident Abstracts of repts received since SECY-79-425A encl  
SHEA, J R Office of International Programs 80/02/08 6pp

## NONDOCKETED ITEMS

8003190487 SECY-80-043

Summarizes status of review for approval of proposed license to export source matl to France for enrichment  
 Recommends deferral of action pending receipt of Executive Branch & DOE views  
 SHEA, J R Office of International Programs 80/01/31 2pp

--8003190490 Confirms that NRC is deferring action on proposed export

license pending receipt of determination by Secretaries of Energy & State that no commitments from France are necessary to ensure approval prior to enrichment  
 SHEA, J R Office of International Programs 80/01/22 1p

8003190491 SECY-80-045

Summarizes info re proposed export license Recommends authorizing issuance of proposed license to TNS, Inc  
 SHEA, J R Office of International Programs 80/01/29 3pp

8003200060 Transcript of 800229 Affirmation Session 80-B in Washington,

DC Pp 1-6  
 \* Commission 80/02/29 5pp

--8003200091 SECY-80-061

Recommends that Commission approve encl draft notice of proposed rulemaking to revise requirements to include fees for review of QA packages for shipping  
 DONOGHUE, D J Office of Administration 80/01/30 6pp

--8003200105 SECY-80-044

Recommends that Commission approve encl draft FR advance notice of rulemaking re personnel dosimetry processors  
 MINOGUE, R B Office of Standards Development 80/01/23 36pp

--8003200115 SECY-79-A60

Recommends that Commission approve encl draft FR notice re amend to regulations to specify criteria for determining whether proposed amend to OL or CP involves no significant hazards consideration  
 MINOGUE, R B Office of Standards Development 79/12/13 21pp

8003200234 SECY-79-481

Recommends that Commission approve encl draft notice of proposed rulemaking 100FR51 re evaluation of alternative sites for nuclear generating stations under NEPA Draft value/impact assessment encl  
 MINOGUE, R B Office of Standards Development 79/08/10 127pp

8003200290 Transcript of NRC 800229 public meeting in Washington, DC re

SECY-80-039 Pp 1-59  
 \* Commission 80/02/29 60pp

8003210014 SECY-79-693A

Summarizes encl marked-up draft review of Why! Rept W/o encl revised translation of "Radiosociological Assessment of Why! Nuclear Power Plant"  
 DENTON, H R Office of Nuclear Reactor Regulation 80/01/30 225pp

8003250101 SECY-80-098

Forwards Executive Branch position re Edlow Intl Co application for license to export 13,000 kg depleted U, in form of U tetrafluoride to United Kingdom Requests comment  
 SHEA, J R Office of International Programs 80/02/15 1p

--8003250107 Executive Branch position re Edlow Intl Co application for

license to export 13,000 kg depleted U, in form of U tetrafluoride to United Kingdom License should be granted  
 NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ. & Scientific Affairs 80/01/29 2pp

8003250182 SECY-80-078

Recommends approval of minor changes in Commission conflict of interest regulations Draft FR notice encl  
 FITZGERALD, J A Office of the General Counsel 80/02/11 12pp

--8003250190 SECY-80-082

Recommends reappointment of CP Weiss to ACRS Draft ltr encl  
 FRALEY, R F, ACRS - Advisory Committee on Reactor Safeguards 80/02/12 5pp

8003260484 SECY-80-039

Discusses Section 401 of Energy Reorganization Act of 1974 & impact on employment practices of NRC licensees & license applicants Recommends requiring Commission not to discriminate on basis of sex in licensing & regulations  
 GOSBICK, L V Office of the Executive Director for Operations 80/01/21 11pp

--8003260486 Discusses NAACP vs Federal Power Commission, Supreme Court case involving responsibility of federal agency to eliminate employment discrimination Recommends NRC jurisdiction be determined on case-by-case basis  
 STRAUSS, P L Office of the General Counsel 76/07/09 20pp

--8003260487 SECY-75-324

Discusses equal employment opportunity responsibilities for NRC licensee facilities Recommends deferral of Commission consideration pending action by Supreme Court on Federal Power Commission & NAACP petitions  
 TUCKER, E E Office of Equal Employment Opportunity 75/07/01 7pp

--8003260490 Submits legal analysis of Title IV, Energy Reorganization

Act Title IV fails to identify party to be protected, party prohibited from discriminating activities in which discrimination is prohibited & specific program required  
 SHAPER, H K Office of the Executive Legal Director 79/02/12 23pp

--8003260492 Requests authorization to explore feasibility of

establishing requirement that NRC-licensed util develop affirmative action plans for equal opportunity employment as condition for granting CPs, OLs & continued licensing  
 TUCKER, E E Office of Equal Employment Opportunity 75/02/11 3pp

8003310352 SECY-80-047

Forwards Executive Branch response on pending Transnuclear, Inc application for license to export U-hexafluoride to Sweden Requests comment  
 SHEA, J R Office of International Programs 80/01/24 1p

--8003310355 Executive Branch position re Transnuclear, Inc application

for license to export 35 088 kg U in form of U hexafluoride, containing 32 737 kg U-235, to Sweden License should be granted  
 NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ. & Scientific Affairs 80/01/18 6pp

## STATE PROG STATE PROGRAMS

8003060037 Ack receipt of 800204 ltr NUREG-0454 containing NUREG-0410 was mailed per request Other requests take several wks to coordinate  
 MCCARTHY, E Office of State Programs 80/02/20 1p

8003050230 Transcript of 800220 meeting w/State of NV representatives in Incline Village, NV re low level waste mgt Pp 1-215  
 \* Commission 80/02/20 221pp

8003060291 Discusses Dr Mettler participation in waste disposal meeting in NV  
 KERR, Q W Office of State Programs 80/02/14 1p

8003060297 Request comments on proposed emergency planning rule

intended to be made at NV workshop  
 SCHWARTZ, S A Assistant Director for Program Development, 80/02/01 6pp

8003060314 Advises that RFP, asking for proposals on statement of work

& describing state legislative reporting needs beginning w/Jan 1981 sessions, will be issued in Commerce Business Daily.  
 YOUNG, F Assistant Director for Program Development 80/02/07 1p

8003060445 Transcript of 800221 meeting in Incline Village, NV re low

level waste. Pp 217-354  
 \* Commission 80/02/21 140pp

8003100044 Responds to 800121 ltr describing FL actions to improve

regulatory program for agreement matls Program adequate to protect public health & safety & compatible w/Commission program Comments on Scott Luminous, Inc insp encl  
 KERR, Q W Office of State Programs 80/02/14 4pp

--8003100048 Responds to NRC 791015 ltr re review of FL radiation control

program. Five addl inspectors will be employed  
 Reclassification plan for radiological health personnel became effective 791217 Scott Luminous, Inc insp rept encl  
 TAYLOR, A J Florida, State of. 80/01/21 16pp

8003110237 Supports proposed state legislation facilitating AZ Atomic

Energy Commission action on licensee operations affecting public health & eliminating promotional duties of Commission Offers support in legislative effort  
 AHEARNE, J F, Commission 80/02/14, 1p.

# NONDOCKETED ITEMS

373

8003130241 Forwards W Dircks & G Cunningham 800213 statements before congressional subcommittee & President Carter's program on radwaste mgt to agreement & nonagreement states liaison officers  
KERR, G W Office of State Programs 80/02/14 25pp

--8003130250 Transcript of 800213 testimony before Subcommittee on Energy, Nuclear Proliferation & Federal Svcs of Committee on Governmental Affairs  
DIRCKS, W J Office of Nuclear Material Safety & Safeguards 80/02/13 8pp

--8003130256 Transcript of 800213 testimony re nuclear waste mgt before Subcommittee on Energy, Nuclear Proliferation & Federal Svcs of Committee on Governmental Affairs  
CUNNINGHAM, G W Energy, Dept of 80/02/13 5pp

8003130271 Expresses gratitude for recommendations for enhancing licensing program Div of radiological health advised to encourage licensees to submit complete applications during extensive mds or license renewals  
GRAHAM, B Tennessee, State of 80/01/17 1p

8003140327 Discusses Sept 1978 regional workshops reviewing NRC decision in policy w/state officials NUREG-0436, Revision 1 issued 781231 Followup workshops scheduled for 790912-14 & 25-27 State representatives should be designated by 790723  
RYAN, R O Office of State Programs 79/07/17 2pp

8003170014 Ack receipt of NRC 800103 ltr re NM program for agreement matl control TA Wolff 800219 ltr detailing aspects of program encl  
BACA, T E New Mexico, State of 80/02/19 1p

--8003170018 Responds to NRC 800103 ltr re annual review of NM program for agreement matl control Grants ofc has copies of licenses & supporting documentation Licensing guides & insp manual being developed  
WOLFF, T A New Mexico, State of 80/02/19 2pp

8003190416 Confirms comments re results of NRC regulatory program review Program has continued to improve over past yr Caution should be used in extending scope of some license conditions beyond what is specifically defined by license application  
KERR, G W Assistant Director for State Agreements Programs 80/02/23 1p

8003190681 Confirms discussion re NRC review & evaluation of MD radiation control program MD program for regulation of agreement matl adequate to protect public health & safety MD radiation control regulations have been updated  
KERR, G W Assistant Director for State Agreements Programs 80/02/22 2pp

8003190923 Confirms NRC comments made at conclusion of recent radiation control program review Based on results of review, NRC believes state program for control of agreement matls adequate to protect public & compatible w/NRC program  
KERR, G W Office of State Programs 80/02/08 3pp

8003190967 Confirms discussion re recent review of state radiation control program Based on results of review, NRC believes state program for control of agreement matls adequate to protect public & compatible w/NRC program  
KERR, G W Office of State Programs 80/02/12 2pp

8003240640 Forwards summary of 800205 meeting w/State of WY Review of land quality regulations & legal opinion ready for transmittal by 800301  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/22 1p

8003260006 Forwards invitation & announcement list for CRCPD 800518-22 annual meeting in Louisville, KY  
JANINEK, M Office of State Programs 80/03/10 14pp

8003260049 Forwards invitation & announcement list for CRCPD 800518-22 annual meeting in Louisville, KY  
JANINEK, M Office of State Programs 80/03/10 14pp

8003260464 Forwards proposed agenda, map & registration form for NRC Region V state liaison officer 800305 meeting in San Francisco, CA to acquaint officers w/regional operations & update major problem areas  
WEISBERGER, B Office of State Programs 80/02/21 7pp

8003260513 Forwards CD Dept of Health 791128 response to NRC 791025 ltr re CD annual radiation program review  
MONTGOMERY, J. L Colorado, State of 80/03/03 1p.

--8003260530 Responds to NRC 791205 ltr commenting on CD Dept of Health radiation control program Emergency response plan for transportation incidents has been revised as recommended Statistical close-out survey is complete  
HAZLE, A J Colorado, State of 79/11/28 2pp

8003270180 Forwards Westchester County, NY Board of Legislators press release & proposed law re transportation restriction on nuclear matls Law would shut down facilities  
YOUNG, F Office of State Programs 80/03/20 21pp

8003270276 Responds to 800206 ltr re radioactive matls control program NRC approves of augmentation of radioactive matls staff Augmentation & further training will put program on sound footing  
KERR, G W Office of State Programs 80/02/26 1p

--8003270284 Forwards summary of 791024-26 followup meeting w/state officials in Sacramento, CA re radioactive matls program Status of license review & NRC comments on compliance program & administrative review encl  
KERR, G W Office of State Programs 80/02/21 23pp

8003270294 Discusses NRC review of KY radiation control program Program for regulation of agreement matls is adequate to protect public health & safety & is compatible w/NRC program for regulation of similar matls  
KERR, G W Office of State Programs 80/03/18 2pp

--8003270298 Discusses NRC review of KY radiation control program Program for control of agreement matls is adequate to protect public health and safety Applicants for all radioactive matls licenses should supply location & storage info  
KERR, G W Office of State Programs 80/02/22 2pp

8003310198 Notification that review of working arrangement document between IIRC/IE & DOT insp/enforcement units is complete Document as presently cast is appropriate  
KERR, G W Assistant Director for State Agreements Programs 80/03/03 1p

8003310219 Responds to comments in NRC 791227 review of WA Dept of Social & Health Svcs radiation control program Computer program for data processing & retrieval anticipated to go on line 800701  
THOMPSON, G J Washington, State of 80/02/13 2pp

## TOPREP VENDOR REPORTS AND RELATED CORRESPONDENCE

8002130552 Forwards nonproprietary repts WCAP-9570 & WCAP-9662 & proprietary repts, WCAP-9558 & WCAP-9628 Info withheld (ref 10CFR2 790) Application for withholding proprietary info encl  
ANDERSON, T H Westinghouse Electric Corp 80/02/06 10pp

--8002130572 WCAP-9662  
"Westinghouse Class 3, Westinghouse Owners Group Asymmetric LOCA Loads Evaluation," nonproprietary version  
CAMPBELL, T E Westinghouse Electric Corp 80/01/31 175pp

8003030214 Forwards technical study "Mark I Containment Program, Vent Header Deflector Load Definition Methodology," in response to NRC request info provided on behalf of Mark I owners group as part of Mark I containment program  
BUCHHOLZ, R H General Electric Co MFN-29-80 80/02/05 1p

--8003030220 "Mark I Containment Program, Vent Header Deflector Load Definition Methodology"  
\* General Electric Co 80/02/29 35pp

8003030328 Forwards info re Mark I containment program vent header deflector load definition methodology Affidavit also encl Info withheld (ref 10CFR2 790)  
BUCHHOLZ, R H General Electric Co, Nuclear Energy Products Div MFN-030-80 80/02/05 5pp

8003030466 Notifies of organization change in NU-OA-1, Revision 3A, effective 800201 Two assistant vice presidents will report to Vice President of Nuclear Engineering & Operations Changes will be incorporated in revised rept  
COUNSILL, J G Northeast Utilities OA-3692 80/02/22 1p

8003030480 Proposes revisions to fuel thermal/mechanical analysis models to analyze extended operating cycles at high capacity factors Requests prompt review schedule & concurrence by 800401  
ENGEL, R E General Electric Co MFN-045-80, 80/02/25 2pp



## NONDOCKETED ITEMS

- 8003040309 Informs of availability of nonproprietary NEDO-10905-3, "High-Pressure Core Spray Sys Power Supply Unit, Amend 3" CAPRA, R A Light Water Reactors Branch 3 80/02/29 1p
- 8003040314 Forwards nonproprietary NEDO-10905, "High-Pressure Core Spray Sys Power Supply Unit, Amend 5" Requests review & evaluation of qualification test results & schedule for review completion GUINK, J F General Electric Co MFN-308-79 79/12/20 2pp
- 8003040319 NEDO-10905-3 "High-Pressure Core Spray Sys Power Supply Unit, Amend 3," nonproprietary version CHAKRABORTY, S, HENDON, H H General Electric Co 80/02/29 70pp
- 8003050501 Outlines Mark II owners group understanding of agreement re NEDO-21985, "Functional Capability Criteria for Essential Mark II Piping," Sept 1978 Factor-short radius elbow tables encl CHAU, H General Electric Operating Plant Owners Group MK 11-038-LIC 80/02/25 4pp
- 8003050535 Forwards BP Ferreira 800227 affidavit for withholding AEC-2-P (ref 10CFR2 790) KEITH, R C Aerojet Energy Conversion Co (subs of General Tire & Rubber Co) 80/02/27 6pp
- 8003050542 Forwards "Analyses of LOFT Test L3-1," in response to NRC request LIEBLER, O C-E Operating Plants Owners Group 80/02/28 1p
- 8003050544 "Analyses of LOFT Test L3-1" \* Combustion Engineering, Inc 80/02/29 57pp
- 8003050585 Forwards comments on cladding deformation as affected by temp ramp rate & prerupture plastic strain, in response to 800131 request Inclusion of temp rate in cladding deformation models not recommended SCHERER, A E C-E Power Systems LD-80-011 80/02/29 4pp
- 8003060410 Forwards "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps," addendum to BAW 1610, "Analysis of B&W NBS Response to ATWS Events, Jan 1980," TAYLOR, J H Babcock & Wilcox Co 80/02/29 1p
- 8003060415 BAW-1610 "Structural Effects of ATWS Overpressure Transients in Byron Jackson Primary Pumps," addendum to BAW 1610, "Analysis of B&W NBS Response to ATWS Events, Jan 1980" \* Babcock & Wilcox Co 80/02/01 31pp
- 8003060548 Forwards responses, on behalf of BWR owners group, to C Nicholson questions re BWRs, contained in NRC 791017 ltr BUCHHOLZ, R H General Electric Co MFN-041-80 80/02/21 9pp
- 8003060553 Forwards BTVR-1-0A, "QA Program Description" BLAISDELL, R E Black & Veatch 25 9000 21 80/02/29 1p
- 8003060554 BTVR-1-0A "QA Program Description" \* Black & Veatch 80/01/31 75pp
- 8003060611 Forwards NEDE-24778-P, "Mark I Containment Program Vent Sys Compressibility - Effects on Mark I Pool Swell," prepared by Acurex for OE Rept withheld (ref 10CFR2 790) BUCHHOLZ, R H General Electric Co MFN-028-80 80/02/03 1p
- 8003060750 "Fracture Toughness of Nuclear Containment Pressure Boundary," bimonthly mgt status rept REICH, M Brookhaven National Laboratory FIN A-3316 80/02/01 3pp
- 8003070244 Forwards NEDE-24781-1-P, "Comparison of Single & Multivent Chugging at Two Scales" Rept withheld (ref 10CFR2 790) Affidavit encl BUCHHOLZ, R H General Electric Co MFN-051-80 80/03/03 5pp
- 8003100004 Forwards request for addl info needed to complete review of WCAP-9639, "Rept on Small Break Accidents for Westinghouse Nuclear Steam Supply Sys W/Upper Head Injection" STOLZ, J F Light Water Reactors Branch 1 80/02/27 3pp
- 8003100067 Summary of 79115 meeting w/OE in Bethesda, MD re steam effects on BWR core spray distribution Addl info requests, categorization of NRC questions & attendees list encl, MARSH, L B Reactor Safety Branch 80/02/01 15pp
- 8003100197 Forwards Licensing Topical Rept 11, Amend 5, "QA Co QA Program" Rept reflects organizational changes & design verification testing supporting gas cooled reactor development FISHER, C R General Atomic Co (subs of Gulf Oil Co) PLL 02 CRF 80 80/02/27 2pp
- 8003100201 QA-A13010A "QA Co QA Program," Amend 5 \* General Atomic Co (subs of Gulf Oil Co) 80/01/31 67pp
- 8003110374 Submits organizational changes in QA dept, as required by NRC 781122 ltr KELLY, R B Stone & Webster Engineering Corp 80/03/03 3pp
- 8003110541 Forwards comments on ramp rate calculational methods & prerupture plastic strain, as requested in NRC 800131 ltr DOWLEY, G F Exxon Nuclear Co, Inc (subs of Exxon Corp) QFO 040 80 80/03/03 2pp
- 8003110569 Forwards slides presented at 800108 meeting w/NRC Missing O Jonas slide will be provided when available SCHMERLING, J H Westinghouse Electric Corp 80/03/04 1p
- 8003110606 Requests that further regulatory correspondence previously addressed to C-E owners group should now be sent to individual utils following dissolution of NRC Bulletins & Order Task Force LIEBLER, O E C-E Operating Plants Owners Group. PRN-TM-80-13 80/03/03 1p
- 8003120117 Notification of 800226 meeting w/Westinghouse owners group in Bethesda, MD to discuss addl info needed by NRC to complete review of WCAP-9558 concerning mechanistic fracture evaluation of reactor coolant pipe HOSFORD, S Division of Operating Reactors 80/02/20 2pp
- 8003120393 Forwards index tabs to be inserted into NU-QA-1, Revision 3A, "QA Program" \* DIEDRICK, D G Northeast Utilities QA-3709 80/03/05 1p
- 8003120422 Forwards response to NRC 800227 questions, except Questions 11 & 12, for use in generic review of WCAP-9639 ANDERSON, T M Westinghouse Electric Corp NB-TMA-2211 80/03/12 68pp
- 8003120475 Informs NRC that QA review & concurrence of procedures affecting quality will begin immediately Review will be completed by 800829 MILLS, L M Tennessee Valley Authority 80/03/03 1p
- 8003120589 Requests interpretation of requirements of ANSI N45 2.6 re specific capabilities & responsibilities of ANSI Level I & II inspectors Requests response within 2-3 wks WARREN, M V Newport News Industrial Corp (subs of Newport News Shipbuilding & Dry Dock Co) 55-401 80/03/07 1p
- 8003130396 Forwards BAW-1533P, "Mark-BZ Demonstration Assembly, Licensing Rept," Revision 1 Rept withheld (ref 10CFR2 790) TAYLOR, J H Babcock & Wilcox Co 80/02/29 1p
- 8003130573 Discusses concerns re abandonment of rulemaking process as precondition for ATWS resolution ATWS is low probability & no "Fix" should be required ANDERSON, T M Westinghouse Electric Corp NB-TMA-2209 80/03/07 2pp
- 8003140007 Submits fifth monthly rept for project steam generator tube rupture iodine transport mechanisms, constituting Task 12 of Agreement NRC-04-76-293 Forwards publication release & interim rept DENNING, R S Battelle Memorial Institute, Columbus Laboratories 80/02/15 4pp
- 8003140010 Publications release for unclassified formal NRC consultant & contractor repts, "Steam Generator Tube Rupture Iodine Transport Mechanisms" DENNING, R S Battelle Memorial Institute, Columbus Laboratories 80/02/15 1p
- 8003140015 "Steam Generator Tube Rupture Iodine Transport Mechanisms," monthly progress rept for Jan 1980, DENNING, R S Battelle Memorial Institute, Columbus Laboratories 80/02/15 1p
- 8003140111 Forwards request for info re turbine disc cracks transmitted to licensees pursuant to 791217 & 800108 vendor briefings, SCHWENGER, A Operating Reactors Branch 1. 80/02/26 3pp

# NONDOCKETED ITEMS

375

8003170132 Requests meeting w/B&W to receive addl info about B&W 800211 ltr re changes in organization & distribution of integration responsibilities within engineering dept Info needed to facilitate NRC assessment of significance of changes  
HAASS,W P Quality Assurance Branch 80/02/22 1p

8003170158 Forwards GA program manual for nuclear power plants, Vol 1, Revision 8  
FROST,S R Consumers Power Co 80/03/10 1p

--8003170160 CPC-1-A VI RB  
GA Program Manual for Nuclear Power Plants," Vol 1, Revision 8  
\* Consumers Power Co 80/02/12 125pp

8003170258 Ack receipt of NRC 800225 questions re turbine disc cracking Requests 10-day extension in order to provide answers to all questions Extension allows for Disc Integrity Task Force 800312-13 meeting to discuss questions  
STIEDE,W L Westinghouse Operating Plants Owners Group 80/03/05 1p

8003170286 Requests clarification re expected contract level beyond May 1980 to maintain fire protection team  
HALL,R E Brookhaven National Laboratory 79/12/18 3pp

8003170291 Objects to proposed NRC order for inerting BWR Mark I & II containments Inerting is counterproductive to BWR safety Facilities have proven inherent accident prevention features Inerting will incur significant costs to utility  
BRAY,A P General Electric Co 80/03/07 3pp

8003170296 Advises of 790614-15 visit to Factory Mutual Corp to discuss fire protection test programs Forwards BNL 790620 memo re visit  
HALL,R E Brookhaven National Laboratory 79/06/20 4pp

8003170310 Confirms 791116 telcon w/J Boccio re info exchanges between BNL & NRC All exchanges re research support tasks will be conducted through E Sylvester Assumes all further dissemination of info responsibility of NRC  
HALL,R E Brookhaven National Laboratory 79/11/19 1p

8003170320 Notices of schedule delay for forwarding current std Tech Specs re fire protection Comments will be forwarded by 790406.  
MACDOUGALL,E A Brookhaven National Laboratory 79/03/29 1p

8003170331 Forwards Rept 1979 status rept for fire protection suppl & design review Also forwards fire protection design review schedule Lists facilities for Oct design review  
MACDOUGALL,E A Brookhaven National Laboratory 79/10/10 7pp

8003170349 Forwards revised NEDE-21821-02, renumbered as NEDE-21821-A, "BWR Feedwater Nozzle/Sparger Final Rept " Nonproprietary version will be issued as NEDO-21821-A Proprietary affidavit encl Rept to Central Files only (ref 10CFR2.790)  
MATANABE,H T General Electric Co MFN-044-80 80/02/26 4pp

8003170356 Forwards NEDE-24615-P, "Mark I Containment Program, 1/4 Scale Pressure Suppression Pool Swell Test Program Supplemental Plant Unique Tests " Proprietary affidavit encl Rept withheld (ref 10CFR2.790)  
BUCHHOLZ,R H General Electric Co MFN-047-80 80/02/27 5pp

8003170420 Forwards evaluation of effects of carbon dioxide suppressants on electrical equipment.  
HALL,R E Brookhaven National Laboratory 80/03/03 4pp

8003170432 Notices that M Antonetti has reviewed data re silastic rubber coated glass drop cloths & found cloths acceptable for fire protection Silastic & Claremont welding cloths should be inspected prior to use  
MACDOUGALL,E A Brookhaven National Laboratory 79/09/11 1p

8003170454 Requests confirmation of coverage application for encl list of Westinghouse nuclear facilities provided w/labor support svcs by Protractor, Inc  
WOLVERTON,J C Penn Southwest Insurance, Inc 80/03/10 2pp

8003170458 Notification of 800414 meeting in Monroeville, PA to discuss NRC draft questions on fuel design sections of WCAP-9500 & WCAP-9401  
ANDERSON,T M Westinghouse Electric Corp, NS-TMA-2212, 80/03/10 1p.

8003180217 Forwards proprietary & nonproprietary versions of WCAP-9561, "BART-A1 Computer Code for Best Estimate Analysis of Reflood Transients " Application for withholding encl Proprietary rept to Central Files only (ref 10CFR2.790)  
ANDERSON,T M Westinghouse Electric Corp 80/01/15 12pp

--8003180228 WCAP-9561  
"BART-A1 Computer Code for Best Estimate Analysis of Reflood Transients," nonproprietary version  
COLLIER,G, GURCAK,A W, KASADI,J Westinghouse Electric Corp 80/01/31 300pp

8003180323 Forwards revised sections to ETR-1001, "QA Program Manual," Revision 8, per NRC 800131 request Lists five contracts covered by changes  
TENNER,B E Babco Services, Inc (subs of Enserch Corp ) 80/03/13 3pp

--8003180327 ETR-1001 RB  
"QA Program Manual," Revision 8  
\* Babco Services, Inc (subs of Enserch Corp ) 80/02/29 46pp

8003180337 Forwards VT Yankee 791226 ltr & Northern States Power Co 800125 ltr re response to ten sys questions concerning NEDO-24708  
BUCHHOLZ,R H General Electric Co MFN-055-80 80/03/12 15pp

8003180463 Requests NRC concurrence in proceeding w/PWR valve testing w/o fully defining ATWS program Concurrence needed until NRC & EPRI can evaluate proposed ATWS conditions  
CULLER,F L Electric Power Research Institute 80/03/11 2pp

8003180464 Forwards test conditions & pretest prediction for second small break test in two loop test apparatus Expresses concern re scaling of apparatus & apparatus ability to simulate response of BWR to small break incident  
BUCHHOLZ,R H General Electric Co RHB-015-80 80/03/12 22pp

8003180488 Forwards AP Bray 800307 ltr summarizing GE concern w/ proposed rule change for inerting BWR Mark I & II containments  
STARK,S J General Electric Co MFN 053-80 80/03/11 1p

8003180499 Confirms conversations revising submittal date of inadequate core cooling study Program is more comprehensive than described by 791030 ltr Completion expected 791030  
REED,C Westinghouse Operating Plants Owners Group 08-30 80/03/14 1p

8003180533 Advises of formation of Turbine Disc Integrity Task Force in response to 800225 ltr Forwards consensus responses to generic questions discussed at 800312-13 meeting  
SCHMERLING,J M Westinghouse Electric Corp 80/03/14 7pp

8003180575 Forwards monthly schedule re fire protection review, for Feb 1980  
HALL,R E Brookhaven National Laboratory 80/03/11 2pp

8003180588 Responds to NRC 800304 request for info re power upset events at B&W plants, identification of sequence-of-events differences between B&W & util & B&W recommendations re 800226 event  
TAYLOR,J H Babcock & Wilcox Co 80/03/12 5pp

8003180613 Forwards corrected Figure 17-1 of QA-A13010A "QA Co QA Program," Amend 5, changing organization names Changes will be incorporated into Amend 6  
GREGORY,B M General Atomic Co (subs of Gulf Oil Co ) 80/03/10 1p

--8003180619 Corrected Figure 17-1 of QA-A13010A, "QA Co QA Program," Amend 5, changing organization names  
\* General Atomic Co (subs of Gulf Oil Co ) 80/03/10 1p

8003190019 Forwards revised Page 1 to NRC 800121 topical rept evaluation of NEDO-11209-09A, Revision 1, "Nuclear Energy Business Group BWR QA Program Description "  
HAASS,W P Quality Assurance Branch 80/02/22 1p

--8003190037 Revised Page 1 to topical rept evaluation of NEDO-11209-09A, Revision 1, "Nuclear Energy Business Group BWR QA Program Description "  
\* Quality Assurance Branch 80/01/21 1p

8003190523 Forwards rept on, "Vinyl Ester Solidification of Low Level Radwaste." Rept includes discussion of final product from Solidification process, radiation degradation & loss of radioactivity when exposed to heat.  
OWEN,J B Dow Chemical Co 80/03/13 2pp

## NONDOCKETED ITEMS

- 8003190528 B-600-366-79  
"Vinyl Ester Solidification of Low Level Radwaste"  
FILTER, H E Dow Chemical Co 79/11/30 23pp
- 8003190744 Summary of 800227 meeting w/QE in Bethesda, MD re control cell core design concept  
FIEND, D Core Performance Branch 80/02/29 14pp
- 8003200275 Summary of 800131 meeting w/C-E & C-E Owners Group re compliance w/NUREG-0578, Section 2.1.9 Related slides encl  
KELLY, G B Division of Systems Safety 80/02/26 26pp
- 8003210089 Notification of 800312 meeting w/BNL in Bethesda, MD to review status of Div of Sys Safety physics technical assistance program Agenda encl  
DUNENFELD, M Core Performance Branch 80/03/03 3pp
- 8003210319 Lists revisions distributed to QA program manual holders  
FORD, F Ebasco Services, Inc (subs of Enserch Corp) 80/03/18 2pp
- 8003210467 Advises that licensees w/nuclear power plants & Westinghouse steam turbines formed Turbine Disc Integrity Task Force to address 800225 ltr Recommendations, utility use Westinghouse curves & criteria in generating site specific info  
STIEDE, W L Commonwealth Edison Co 80/03/14 1p
- 8003210473 Forwards proposed amends to NEDE-24011-P-A-1 re administrative revisions Requests approval by 800401  
Categorized list of requested rept revisions encl Rept withheld (GE Co proprietary)  
ENQEL, R E General Electric Co 80/02/27 8pp
- 8003240032 Notification of 800314 meeting w/Westinghouse, Comm Ed & Duke Power Co in Bethesda, MD to discuss WCAP-7500 "Ref Core Rept 17 X 17 Optimized Fuel Assembly"  
KINTNER, L L Light Water Reactors Branch 1 80/03/11 2pp
- 8003240239 Notification of 800403 meeting w/CE in Bethesda, MD to discuss encl guidance for evaluation & development of procedures for transients & accidents  
RBSB, D F Division of Project Management 80/03/12 7pp
- 8003240318 Forwards Suppl 1 to NEDO-24708, providing info for pending OL units not included in base rept submitted Aug 1977  
Responses to long-term NRC bulletins & orders questions will be submitted later in 1980  
BUCHHOLZ, R H General Electric Co 80/03/19 1p
- 8003240324 NEDO-24708 51  
Suppl 1 to NEDO-24708, providing info for pending OL units not included in base rept  
\* General Electric Co 80/03/19 101pp
- 8003240397 Forwards Revision 2A of QAI-TR-106, "QA Program for Nuclear Power Plants"  
BARKER, N R Gilbert/Commonwealth Cos 80/03/19 1p
- 8003240399 QAI-TR-106 R2A  
"QA Program for Nuclear Power Plants," Revision 2A  
\* Gilbert/Commonwealth Cos 80/02/29 116pp
- 8003240440 Forwards nonproprietary revised response to NRC Question b 1 on WCAP-9600, "Rept on Small Break Accidents for Westinghouse NSSB Sys"  
REED, C Westinghouse Operating Plants Owners Group 00-31 80/03/18 10pp
- 8003240503 Forwards monthly rept for Jan 1980 re licensing assistance for NRC materials engineering programs Inservice insp work is at virtual halt due to lack of preservice insp plans from any applicant other than LaSalle  
WIDRIO, R D Battelle Memorial Institute, Pacific Northwest Laboratory FIN B-2712 80/02/14 5pp
- 8003240629 Forwards topical rept evaluation of QAI-TR-106, Revision 2A, "QA Program for Nuclear Power Plants" Rept acceptable  
HAASS, W P Quality Assurance Branch 80/02/25 3pp
- 8003240630 Topical rept evaluation of QAI-TR-106, Revision 2A, "QA Program for Nuclear Power Plants" Rept acceptable  
\* Quality Assurance Branch 80/02/25 2pp
- 8003280045 Notification of 800313 meeting w/QE in Bethesda, MD to discuss core spray sparger cracking in DHRs, QE presentation to cover licensing aspects, safety considerations & proposed action plan addressing generic issue  
HANNON, J Operating Reactors Branch 3 80/03/10 1p
- 8003280287 Forwards BAW-10143, "BWC correlation of Critical Heat Flux in 17 x 17 Geometry Rod Bundles"  
TAYLOR, J H Babcock & Wilcox Co 80/03/10 1p
- 8003280292 BAW-10143  
"BWC Correlation of Critical Heat Flux in 17 x 17 Geometry Rod Bundles"  
WILSON, R H, FARNSWORTH, D A, STODT, R H Babcock & Wilcox Co 80/03/31 30pp
- 8003280294 TR-21A  
"Nuclear QA Manual Vol 1, Amend 5  
\* C F Braun & Co 80/02/25 53pp
- 8003280290 Notification of 800326 meeting w/ EPRI in Bethesda, MD to discuss mgt coordination topics including NRC research on human factors & EPRI relief/safety valve testing  
LARKINS, J T Program Coordination Branch 80/03/07 3pp
- 8003270368 Forwards addl info for review of WCAP-9639, consisting of response to NRC 800227 ltr, Question 12 Response to Question 11 will be provided as soon as available  
ANDERSON, T M Westinghouse Electric Corp NS-TMA-2219 80/03/14 14pp
- 8003270420 Forwards NW Newmark Consultants Rept, "Analytical Method For Determining Probability Distribution of Max of Combined Responses," as part of Mark II containment program Verifies square root sum of squares criteria  
BUCHHOLZ, R H General Electric Co MFN-064-B0 80/02/21 1p
- 8003270425 IC1979  
"Analytical Method For Determining Probability Distribution of Max of Combined Responses"  
CORNELL, C A, VENEZIANO, D, KILCUP, R N M Newmark Consulting Engineering Services 79/12/31 90pp
- 8003280642 Notification of 800403 meeting w/CE-designed operating plants owners group in Bethesda, MD to discuss addl guidance for analysis of accidents & transients & preparation of emergency procedure guidelines, NUREG-0578, Item 2.1.9, Task 5  
COX, T H Standardization Branch 80/03/17 1p
- 8003310180 Forwards "Nuclear Steam Turbine Wheel Reliability," covering matl discussed at 800109 meeting w/util representatives & NRC in Bethesda, MD  
BRUGGE, R D General Electric Co MFN-018-B0 80/01/18 1c.
- 8003310183 "Nuclear Steam Turbine Wheel Reliability"  
\* General Electric Co 80/01/18 47pp
- 8003310255 Advises that recommendation re NNI/ICB power supplies will be made through utility Plant specific comments will be provided Response anticipated during wk of 800324  
TAYLOR, J H Babcock & Wilcox Co 80/03/18 1p
- WASTE MGT NUCLEAR WASTE MANAGEMENT
- 8003040246 Summary of 791213 meeting w/Navajo Nation & EPA in Albuquerque, NM re NRC involvement in regulation of U recovery activities on Indian lands  
TRAUER, E A Uranium Recovery Licensing Branch 80/01/17 3pp
- 8003050024 Summary of 791221 meeting w/union Carbide & Acres American, Inc in Buffalo, NY to review addl info re tailings embankments Info is required before safety analysis of Embankments 2 & 3 can be completed  
PERSON, L S Uranium Recovery Licensing Branch 80/01/17 3pp
- 8003050061 Responds to NRC questions re tailings mgt as described in project environ rept Discusses dilution of seepage from tailings area during movement towards Cottonwood Creek & assumptions used in analysis of movement of leachates  
THOMPSON, M A Cyprus Mines Corp 15209 80/01/08 2pp
- 8003060071 Ack receipt of 800122 ltr re issuance of radioactive matl license to Bokum Resources Corp Environ assessment will be delivered to NM Environ Improvement Div by 800204  
AHEARNE, J F Commission 15392 80/01/25 1p
- 8003060096 Responds to NRC 791207 ltr requesting comments re summary of Church Rock EIS efforts (UNG spill) Provides detailed comments  
STUMPH, T L Environmental Protection Agency TSC 13 80/01/28 2pp

# NONDOCKETED ITEMS

37

8003060205 Responds to DOE 790918 ltr re environ monitoring program  
Forwards suppl to preoperational data collection program  
SMDLIK, T J Placer Amex, Inc 15387 80/01/14 18pp

8003060263 Responds to 800104 request for specific info re Union  
Carbide Uranium CO U recovery operations NRC has no  
regulatory control over Uranium tailings State of CO has  
entire control  
SCARANO, R A Uranium Recovery Licensing Branch 80/01/25 2pp

--8003060274 Requests specific info re license renewal for Union Carbide  
Uranium CO U recovery operations for media release  
LANGE, T Affiliation Unknown 80/01/04 1p

8003130184 Notifies of decision to authorize discharge of tailings into  
Pond 1 & for period not to exceed 45 days from ltr receipt;  
contingent upon certain conditions outlined in encl ltrs  
HAZLE, A J Colorado, State of 15274 80/01/08 12pp

8003130652 Ack receipt of 791228 ltr re leaching Ra-226 from ore or  
waste rock Issues should not delay submittal of revised  
environ rept due on 800229 If deadline not met, will consider  
instituting procedures to cease sorting operations  
HAZLE, A J Colorado, State of 15581 80/02/11 3pp

--8003130655 Responds to 791218 ltr re sensitivity of presorting sys  
other than attenuation of gamma photons; info re effects of  
acidic rain & basis of concern re Ra-226 leaching from waste  
rock  
SMITH, T Cotter Corp 15581 79/12/28 2pp

--8003130658 Advises of issues that need in-depth analysis prior to  
licensing, as result of 791129 site visit  
HAZLE, A J Colorado, State of 15581 79/12/18 2pp

8003140112 Notifies of preparation to issue radioactive matl license to  
Bokum Resources Corp for U mill at Marquez, NM on 800128  
KING, B New Mexico, State of 80/01/22 1p

8003140115 Forwards final rept re work performed on Site B for  
subgrade burial of tailings from Pitch mill W/o encl  
Recommends that Site B not be considered viable site for  
deposition of tailings May re-evaluate Site A  
SIMCHUK, G Homestake Mining Co 80/01/31 2pp

8003140124 Discusses preparation of cross section of conceptual design  
of Hansen project, three cell tailings disposal sys Forwards  
cross section Cross section vertical & horizontal scales are  
same W/o encl  
THOMPSON, M A Cyprus Mines Corp 80/01/23 2pp

8003140448 Advises Alternative Site B no longer under consideration  
for tailings disposal Forwards outline of Site A  
alternative Completion of addl engineering studies  
anticipated by 800601  
HAZEL, A J Colorado, State of 15572 80/02/19 3pp

--8003140450 Forwards final repts covering work performed on Site B for  
Subgrade burial of pitch mill tailings Site B should not be  
considered viable for tailings deposition due to  
unsuitability of natural matls to receive tailings W/o encl  
SIMCHUK, G Homestake Mining Co 15572 80/01/31 2pp

8003170080 Forwards supportive documentation re Bokum resources  
groundwater discharge plan  
GALLAHER, B New Mexico, State of 15577 80/02/01 13pp

8003190008 Discusses cancellation of NRC 800130-31 site visit Expresses  
hope that visit can be rescheduled as soon as possible NM  
800130 ltr to vendor outlining requirement to prepare  
below-grade disposal plan encl  
FLEMING, W M New Mexico, State of 15454 80/02/04 3pp

8003190079 Forwards AJ Hazle 790323 & 0126 ltrs to D Marcott w/attached  
EPA & Co Dept of Health comments respectively, re original  
application for radioactive matls license for ore sorter  
MCGRATH, E J McOrath, E J 15432 80/02/08 17pp

8003190090 Notifies of approval of encl Radiation Matl License  
NM-BRC-ML-00 covering operation of U mill & tailings  
impoundment site NM Radiation Protection Bureau assessment  
& NM 800128 memorandum re discharge plan encl  
BACA, T E New Mexico, State of 15419 80/01/28 40pp

8003190764 Responds to 800117 petition to intervene for Homestake  
Mining Co at 800220 oral presentation re Natl Wildlife  
Federation appeal Provides details for presenting  
position  
PETERSON, R M Agriculture, Dept. of, Forest Service 15464  
80/02/07 1p

8003200004 Forwards EPA 800115 ltr to WA Dept of Social & Health Svcs  
re Dawn Mining Co EIS for proposed expansion of tailings  
disposal facility at Ford, WA Requests meeting w/EPA, NRC,  
Dawn Mining Co & state agencies to discuss current status  
WILL, R C Washington, State of 15423 80/01/28 7pp

8003200010 Submits data from radon-plus daughters sampling in Canon  
City, CO area Sampling done on 781120-791204 Two locations  
exceeded Grand Junction, CO range of background values No  
values threaten health & safety of public  
HAZLE, A J Colorado, State of 15421 80/01/23 3pp

8003200014 Forwards State of CO 791218 ltr re amend to license  
application for Schwanitzwalder ore sorter & Cutter Corp  
791229 reply Proposes conference in Denver, CO to consider  
matters re submitting of amended application  
MCGRATH, E J McOrath, E J 15418 80/01/29 5pp

8003200018 Forwards four maps which should accompany Pace Co study  
entitled, "Church Rock Project, Economics of U Mill Tailings  
Burial, Using Dragline " Maps withheld (ref 10CFR2 790)  
BUNCE, J United Nuclear Corp 15381 80/01/31 1p

8003200046 Forwards "Environ Assessment, Marquez Mill Facility, Bokum  
Resources Corp " Concludes that Bokum tailings mgt program  
is acceptable, subj to imposition of recommended license  
conditions noted in rept  
SCARANO, R A Uranium Recovery Licensing Branch 80/02/04 1p

--8003200071 "Environ Assessment, Marquez Mill Facility, Bokum Resources  
Corp "  
\* Office of Nuclear Material Safety & Safeguards 80/02/29  
46pp

8003200280 Forwards responses to NRC 791221 questions & requests for  
addl info re radioactive matls license application for  
San Miguel Project, San Miguel County, CO Responses to  
comments by state agencies encl  
LANGE, B L Pioneer Nuclear, Inc 15499 80/02/12 100pp

8003210017 Forwards revised, "Groundwater Discharge Plan for Mt Taylor  
U Mill Project, NM " Rept was submitted to NM Environ  
Improvement Div on 800218  
ROGERS, W L Gulf Oil Corp, Gulf Mineral Resources Co 15498  
80/02/18 1p

--8003210021 Revised, "Groundwater Discharge Plan for Mt Taylor U Mill  
Project, NM "  
\* Gulf Oil Corp, Gulf Mineral Resources Co 15498 80/02/29  
300pp

8003240510 Confirms 800222 telcon re authorization of Williams-  
Robinette & Associates to work on environ review of Dawn U  
mill  
LINEHAN, J J Uranium Recovery Licensing Branch 80/02/27 1p

8003240578 Discusses environ assessment rept for proposed facility  
Rept was forwarded to NM Environ Improvement Div on 800204  
in response to technical assistance request Rept evaluates  
operational stability of tailings mgt sys  
KRUG, M E Uranium Recovery Licensing Branch 80/02/26 2pp

8003250123 Forwards Univ of CO results re cyclic mobility &  
anisotropically consolidated undrained tests Tests were  
conducted on undisturbed samples from Borehole 1 in Pond 2  
Results will be incorporated in analysis  
BERRY, J B Acres American, Inc 15606 80/02/26 1p

--8003250127 "Summary of Cyclic Triaxial Tests "  
\* Colorado, Univ of, Denver 15606 80/02/26 2pp

--8003250131 "Anisotropically Consolidated Undrained Test Results "  
\* Colorado, Univ of, Denver 15606 80/02/26 6pp

8003250427 Forwards NRC documents re Church Rock, NM tailings  
impoundment dam failure Any final rept issued on failure  
will be prepared by state NRC is providing technical  
assistance W/o encls  
MILLER, H J Uranium Recovery Licensing Branch 80/03/06 1p

8003250467 Responds to 800122 ltr to D Costle of EPA EPA regulation,  
40CFR190, limits annual doses to public Dose limits to whole  
body, thyroid & any other organ are not added but calculated  
separately NRC will independently estimate doses  
KRUG, M E Uranium Recovery Licensing Branch 80/02/28 2pp

## NONDOCKETED ITEMS

8003270075 Forwards result of NRC radiological impact evaluation of Cutter U mill (proposed Oro Verde subdivision) in Canon City CO in response to 791219 request Air monitoring equipment should be installed at subdivision boundary  
SCARANO, R A Uranium Recovery Licensing Branch 80/01/23 4pp

8003280153 Forwards Gulf Mineral Resources Co 800104 ltr describing change in Candelaria residence & subsequent changes to Mt Taylor U mill license application re radiological assessment  
MACKIN, J L New Mexico, State of 80/02/22 2pp

8003280648 Forwards Dec 1979 operational monitoring results  
CAIN, J Cotter Corp 15785 80/03/13 1p

--8003280656 Operational monitoring for Dec 1979  
GOFF, M C Cotter Corp 80/03/13 4pp

8003310399 Summary of 800214 meeting w/TX state organizations in Corpus Christi, TX re license proposal to dispose of tailings on mill site & request for exemption from site ownership transfer requirement  
WU, G Uranium Recovery Licensing Branch 80/03/03 5pp

--8003310404 Summary of 800214 visit to mill site w/licenses & TX state organizations NRC determination on ownership of disposal site will consider whether continued monitoring would be required after reclamation to protect public health  
WU, G Uranium Recovery Licensing Branch 80/03/03 3pp

8003310430 Forwards NRC predictive evaluation, in response to 800211 communication, re Cotter Corp Canon City mill expansion  
Supporting documentation encl  
McGRATH, E J McGrath, E J 15661 80/02/29 21pp

8003310442 Forwards WA Wahler & Associates map re Cotter Corp Canon City mill expansion Map gives tailings impoundments, pump-back sys & water quality monitoring programs per license conditions McGrath 800306 ltr to R Williams encl  
McGRATH, E J McGrath, E J 15730 80/03/06 2pp

#### EXPORT AND IMPORT LICENSES

8003030064 License for Aldrich Chemical Co, Inc to export 5.0 kg deuterium contained in 20 kg deuterium oxide, to England  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/13 2pp

8003040005 Discusses delay in processing Westinghouse export license applications Fifteen-day waiting period waived  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/23 1p

--8003040009 License for Westinghouse to export one source/intermediate range assembly Model WL-23822, to Belgium  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/23 1p

--8003040014 License for Westinghouse to export three compensated ionization chambers, Model WL-23944, to France  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/25 2pp

8003040130 SECY-79-504A  
Forwards Executive Branch response re Transnuclear, Inc pending 800125 application to export low enriched U to France  
SHEA, J R Office of International Programs 80/02/05 1p

--8003040230 Executive Branch position re Transnuclear, Inc 800125 application to export 73.62 kg of U-235 contained in 900 kg of U to France Recommends that license be issued Ltr of assurance encl  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/01/25 3pp

nd 5 to Boeing Co license, removing Conditions 1 & 7 & add ultimate consignee  
Assistant Director for Export/Import & International Safeguards

Intl Co to export 0.73 kg U-235, contained in 0.802 kg U, & 3.15 kg U-235  
Assistant Director for Export/Import & International Safeguards

8003040669 Forwards addendum to export license application  
BRISTOL, D C Carpenter Technology Corp 80/02/11 1p

--8003040672 Addendum to application by Carpenter Technology Corp to amend license to export 96.20 mm Zircaloy-4 alloy fuel channels, beginning 800301, to Spain  
BRISTOL, D C Carpenter Technology Corp 80/02/11 3pp

8003040719 Executive Branch position re 3M Co application to amend license to increase amount of tritium to be exported to various Condition 2 countries up to total of 200 Ci License amend should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/11 3pp

8003040723 Executive Branch position re Transnuclear, Inc application for license to export 3,010 kg U-235, contained in 86,000 kg U, & 0.64 kg U-235, contained in 16 kg U, to West Germany Ltr of assurance encl License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/11 3pp

8003040726 Amend 2 to TX Instruments, Inc export license, changing description of tritium exported to 250.00 Ci tritium as tritium gas, incorporated in electronic timepieces  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/14 1p

8003050004 Forwards 800128 & 30 license applications for export of components to Finland & Norway Licenses cannot be issued because Criteria 3 of Section 110.42 has not been met  
Requests contact w/foreign govts W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/14 1p

8003050005 Executive Branch position re Isotope Products Labs application for license to export 10 uCi Cm-244 to Zaïre  
License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/11 2pp

8003050049 Executive Branch position re Isotope Products Labs application for license to export 17 uCi Cf oxide to Israel  
License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 2pp

8003050051 Amend 4 to Westinghouse license, extending expiration date from 800701 to 820701  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/25 1p

8003050053 Application by Westinghouse for license to export 0.001 g U-235, contained in 0.0014 g U, to Australia  
MILLER, T H Westinghouse Electric Corp 80/02/11 1p

8003050057 Requests Executive Branch position re encl Conex Corp application for license to export components to Spain W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/25 1p

8003050058 Requests Executive Branch position re encl Carpenter Technology Corp application for license to export Zircaloy-4 to Spain W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/25 1p

8003050064 Executive Branch position re Isotope Products Labs application for license to export 80 uCi Po-210 & Cf-252 to Argentina License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 2pp

8003050065 Executive Branch position re Boeing Co application for license to export 3,180 lbs depleted U to China License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/14, 2pp

8003050142 License for Isotope Products Labs to export 50 uCi Po-210, electrodeposited on wire in IPL Model AR-1 source, & 50 uCi Cf-252, electrodeposited on metallic foil in IPL Model FF-252 source, to Argentina  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/26 2pp

# NONDOCKETED ITEMS

379

8003050145 License for Eberline Instrument Corp to export 0.02 micrograms Am-243 alpha calibr source, electroplated on 47 mm metal disc, to Canada  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/26 2pp

8003050147 License for Edlow Intl Co to export 750,000 Ci Tritium in bulk gaseous form to United Kingdom  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/26 2pp

8003050150 License for CERAC, Inc to export 4.39 kg thorium, contained in 5.0 kg thorium oxide powder, to France  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/26 2pp

8003050155 License for Trozler Intl Ltd to export 8.0 mCi Cs-137 & 40.0 mCi Am-241 beryllium, contained in Model 3401-B moisture density gauge, to China  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/26 2pp

8003050159 Executive Branch position re Mitsubishi Intl Corp application to amend license to allow export of various nuclear reactor components to Japan. License amend should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 2pp

8003050164 Executive Branch position re Edlow Intl Co application for license to export 750,000 Ci tritium to United Kingdom. License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 2pp

8003050173 Application by Westinghouse for license to export one unit WL-23822 source/intermediate range assembly to Belgium  
POCHAL, W F Westinghouse Electric Corp ZE-20301 80/02/04 1p

8003050181 Confirms telcon re receipt of undated export license application. Date of 800201 should be inserted on applications  
DECATO, P Marubeni America Corp (subs of Marubeni Corp) 80/02/19 1p

8003050181 Confirms telcon re receipt of undated export license application. Date of 800201 should be inserted on applications  
DECATO, P Marubeni America Corp (subs of Marubeni Corp) 80/02/19 1p

8003050194 Application by Conax Corp for license to export component parts for use in fabrication of electronic penetration assembly to France  
FISHER, E Conax Corp 7-89600 80/02/11 1p

8003050197 License for Isotope Product Labs to export 10 uCi curium oxide, contained in sealed source Model PH-244, to Austria  
PETERSON, M R Assistant Director for Export/Import & International Safeguards W/O-7378 80/02/21 2pp

8003050199 License for Delegation of Commission of European Communities to export 1.258 g U-235, contained in 4 g U as NBB Samples U-050, U-100, U-350 & U-750, to France  
PETERSON, M R Assistant Director for Export/Import & International Safeguards A0/1357 (US/587 80/02/21 2pp

8003050204 Application by Westinghouse, Industrial Govt Tube Div, for license to export one Unit 23059 proportional counter to Italy  
POCHAL, W F Westinghouse Electric Corp ZE-40038 80/02/15 1p

8003050206 Application by Chase Nuclear Div, Chase Brass & Copper, for license to export zirconium 2% niobium alloy extruded tubes to Canada  
\* Chase Brass & Copper Co, Inc, Chase Nuclear Div AZ-2020 80/02/12 1p

8003050211 Application by Aldrich Chemical Co, Inc for license to export 10 kg deuterium, contained in 40 kg deuterium oxide, to United Kingdom  
EDELSTEIN, D Aldrich Chemical Co, Inc (subs of Sigma-Aldrich Corp) 80/02/13 1p

8003050213 Requests assistance in obtaining ltr of assurance for encl Marubeni America Corp 800201 export license application  
W/O encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/21 1p

8003050217 Advises of withdrawal of license application per Eberline Instrument Corp 800106 request  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/21 1p

8003050252 Forwards application by Exxon Nuclear Co, Inc for license to export 1,010 kg U-235, contained in 33,660 kg U, to Sweden  
HANSEN, L E Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/01/14 1p

--8003050255 Application by Exxon Nuclear Co, Inc for license to export 1,010 kg U-235, contained in 33,660 kg U, to Sweden  
HANSEN, L E Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/12 1p

8003060004 Executive Branch position re Edlow Intl Co proposed license Enrichment of natl after export has been approved  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 1p

8003060010 Executive Branch position re ENEL proposed license Enrichment of natl after export has been approved  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 1p

8003060040 Requests Executive Branch position re impact of recent changes in Indian govt leadership or earlier Executive Branch analysis concerning Tarapur fuel export license application  
AHEARNE, J F Commission 80/01/21 2pp

8003060046 Application by Exxon Nuclear Co, Inc for license to export fuel assembly hardware to Sweden  
HANSEN, L E Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/02/12 2pp

8003060048 License for GE to export 20 sensing elements to West Germany  
PETERSON, M R Assistant Director for Export/Import & International Safeguards BOW 80011 80/02/26 1p

8003060053 Amend 1 to Accuray Corp export license, extending expiration date from 800401 to 810401  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 77-1188 80/02/26 1p

8003060073 License for Transnuclear, Inc to export 914 80 mCi Cf-252 to Japan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards B0-009/01 MISC 80/02/26 1p

8003060078 License for Saginaw Steering Gear Div, General Motors Corp to export ball bearing spline assemblies to Canada  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 981-73260 80/02/26 1p

8003060082 License for Bio-Rad Labs to export 400 g deuterium to Japan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 9F ABEL 80/02/26 2pp

8003060083 License for Mitsui & Co, (USA), Inc to export 33,951 lbs zircaloy to Japan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 136134 80/02/26 1p

8003060087 Application by Sigma Chemical Co for license to export compounds containing deuterium to Brazil  
STERN, W C Sigma Chemical Co (subs of Sigma-Aldrich Corp) D-38 80/02/21 1p

8003060094 License for Isotope Products Labs to export 17.0 uCi electroplated californium oxide to Israel  
PETERSON, M R Assistant Director for Export/Import & International Safeguards W/O 7451 80/02/26 2pp

8003060704 License for Westinghouse to export 1 Proportional Counter WL-23773  
PETERSON, M R Assistant Director for Export/Import & International Safeguards ZE-20325 80/02/26 1p

8003060736 Advises that Zircoa Products Div of Corning Glass Works license to export 52.3 kg thorium to West Germany was granted w/o customary 15-day waiting period due to urgent requirement of proposed export license encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/19 1p

## NONDOCKETED ITEMS

- B003060742 License for Zircoa Products Div. Corning Glass Works to export 52.3 kg thorium contained in 58 kg thorium oxide, as crucibles, to West Germany.  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards QVA-01980 80/02/19 2pp
- B003070156 Forwards application by Marubeni America Corp for license to export 800 kg U-235, contained in 29,155 kg U to Japan  
Ltr of assurance required  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/19 1p
- B003070256 Application by Westinghouse for license to export three units WL-23944 compensated ionization chamber to France  
POCHAL, W. F. Westinghouse Electric Corp ZE-20293-3 80/02/04 1p
- B003100148 Notifies that 15-day waiting period waived due to urgent requirement for matl  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/21 1p
- B003100152 License for Dresser Industries, Inc to export 4 O Ci Cs-137, contained in two Gulf Nuclear Models CS-2, to Hungary  
SHEA, J. R. Office of International Programs 80/02/21 2pp
- B003100202 Forwards application by Reactor Experiments, Inc for license to export 0.033 mg Pu-239, 0.095 mg U-235 & 0.1014 mg Np-237 to Saudi Arabia  
HEIMAN, D. Reactor Experiments, Inc 80/02/11 1p
- B003100204 Application by Reactor Experiments, Inc for license to export 0.033 mg Pu-239, 0.095 mg U-235 & 0.007 mg Np-237 to Saudi Arabia End use statement encl  
\* Reactor Experiments, Inc SA-1 80/02/08 2pp
- B003110072 Forwards application by Exxon Nuclear Co, Inc for license to export max 55,440 kg U, enriched to 3.5% U-235, to Belgium  
HANSEN, L. E. Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 1p
- B003110080 Application by Exxon Nuclear Co, Inc for license to export max 55,440 kg U, enriched to 3.5% U-235, to Belgium  
HANSEN, L. E. Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 2pp
- B003110166 Amend 2 to Westinghouse export license, extending expiration date from 800701 to 840701  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003110172 Forwards application for export license for minor nuclear export Ltr assurance required w/o encl.  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003110213 Requests Executive Branch position re Reactor Experiments, Inc application for license to export 500 mg U-235 to Saudi Arabia  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003110225 Requests Executive Branch position re Westinghouse application for license amend, changing starting date from Jan 1985 to Jan 1984  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003110365 Forwards application by Exxon Nuclear Co, Inc for license to export 68,000 kg U, enriched to 3.1% U-235, to West Germany.  
HANSEN, L. E. Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 1p
- B003110380 Application by Exxon Nuclear Co, Inc for license to export 68,000 kg U, enriched to 3.1% U-235, to West Germany  
\* Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 2pp
- B003110388 Forwards application by Exxon Nuclear Co, Inc for license to export 55,440 kg U, enriched to 3.5% U-235, to Belgium.  
HANSEN, L. E. Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 1p
- B003110399 Application by Exxon Nuclear Co, Inc for license to export 55,440 kg U, enriched to 3.5% U-235, to Belgium  
\* Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 1p
- B003110404 Amend 2 to Westinghouse export license, adding Gotaverkin Angteknik AB as addl intermediate consignee  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards WP-40900, 80/02/27 1p
- B003110411 Amend to QA Co export license, extending expiration date from 800310 to 810310  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards TEL-1081 80/02/27 1p
- B003110414 Amend 2 to Westinghouse export license, extending expiration date from 800701 to 820701  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003110417 Amend to Mitsubishi Intl Corp export license, including Takahama 3 & 4 & Sendai 1 & 2 as addl nuclear reactor facilities  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards PIT-L-0778 80/02/27 1p
- B003110422 Amend to Sandvik Special Metals Corp export license, extending expiration date from 800701 to 801231  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 9191 80/02/27 1p
- B003120350 Requests Executive Branch position re Exxon Nuclear Co, Inc application for license to export 33,660 kg U, enriched to 3.8% U-235, to Sweden  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/27 1p
- B003120375 Forwards application for export license for minor nuclear export Ltr of assurance required  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/29 1p
- B003120382 Application by Transnuclear, Inc for license to export 286 mCi Cf-252 to France  
MATSON, V. Transnuclear, Inc 80-027/01(TNP-3 80/02/27 1p
- B003120386 Application by GE for license to export U oxide powder & neptunium oxide powder encapsulated to Belgium  
WILSON, B. General Electric Co BDM 80023 80/02/28 1p
- B003120390 License for Transnuclear, Inc to export 633.75 kg U-235, contained in 19,500 kg U & 0.033 kg U-235, to Belgium  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/29 1p
- B003120395 Submits application to amend license to extend expiration date to 800901  
HARMON, D. Edlow International Co 80/02/26 1p
- B003120398 Amend 9 to Westinghouse license, adding Gotaverken Angteknik AB as intermediate consignee  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/28 1p
- B003120400 Amend 2 to Westinghouse license, adding Gotaverken Angteknik AB as intermediate consignee  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/28 1p
- B003120402 Amend 1 to Transnuclear, Inc license extending expiration date to 810401  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/28 1p
- B003120403 Amend 1 to Separative Work Unit Corp license, extending expiration date to 841231 to import U from West Germany  
PETERSON, M. R. Assistant Director for Export/Import & International Safeguards 80/02/28 1p
- B003120677 Forwards NUKEM GmbH, West Germany telex, in response to 800108 request  
MATSON, V. Transnuclear, Inc 80/01/29 2pp
- B003120677 Forwards NUKEM GmbH, West Germany telex, in response to 800108 request  
MATSON, V. Transnuclear, Inc. 80/01/29 2pp
- B003120780 Forwards application by Exxon Nuclear Co, Inc for license to export max 68,000 kg U, enriched to 3.1% U-235, to West Germany.  
HANSEN, L. E. Exxon Nuclear Co., Inc (subs. of Exxon Corp.) 80/02/15 1p
- B003120756 Application by Exxon Nuclear Co, Inc for license to export max 68,000 kg U, enriched to 3.1% U-235, to West Germany  
HANSEN, L. E. Exxon Nuclear Co., Inc. (subs. of Exxon Corp.) 80/02/15 2pp

# NONDOCKETED ITEMS

381

8003130007 Requests cancellation of application to export SNM to Taiwan, under License XSNM-1379  
JOHNSON, M R Eberline Instrument Corp 80/01/06 1p

8003130015 Informs NRC of temporary storage of SNM in Holland during course of importation under provisions of License ISNM-79005 Origin & final destination remain unchanged, however storage will affect routing & timing  
HANSEN, L E Exxon Nuclear Co, Inc (subs of Exxon Corp) 80/01/28 1p

8003130024 Certifies 800108 application by Delegation of Commission of European Communities for License XSNM-1642 to export 1 25747 g U-235 contained in 4 g total U to France Transfer subj to terms of 800725 addl agreement for cooperation  
GOPPEL, M European Communities, Commission of 80/01/16 1p

8003130228 Submits application to amend licenses adding Gotaverken Angteknik AB as addl intermediate consignee  
DAHLSTRÖM, C G Westinghouse Electric Corp ICS-9845 80/02/13 1p

8003130240 License for Westinghouse to export one gamma chamber Model WL-23152 to West Germany  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/13 1p

8003130405 License for Westinghouse to export 13 g U-235, contained in 437 g U, to Japan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards MNC-NRC-34 80/02/13 2pp

8003130625 Forwards corrected application for export license for minor nuclear export to replace application submitted on 791206  
Ltr of assurance required  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/12 1p

--8003130628 Corrected application by Sandia Labs for license to export 4 41 g enriched U & 2 23 & 0 744 g U mixed w/Pu to West Germany  
WALKER, J V Sandia Laboratories 80/01/23 1p

8003140031 Submits application to amend license extending expiration date to 801231  
DUBONSKY, E George S Bush & Co 80/02/22 1p

8003140067 Ltr of assurance re Sandia Labs 791113 application & 800114 correction to export 1 32 g of U-235 contained in 4 41 g total U, to West Germany  
GOPPEL, M European Communities, Commission of 80/02/25 1p

8003140091 Ltr of assurance re OE 800228 application to export 1 185 mg U-235 contained in 1 27 mg total U, to Belgium  
MARCHAL, J European Communities, Commission of 80/02/28 1p

8003140166 Amend 1 to GA Co license, revising ultimate consignees to include all commercial nuclear power reactor facilities in Canada licensed by Canadian Atomic Energy Control Board & revising description of matls  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/28 1p

8003140486 Submits application to amend license, extending expiration date from 810301 to 841231  
LAFOND, H W Separative Work Unit Corp 80/02/25 1p

8003170090 Ltr of assurance re Power Reactor & Nuclear Fuel Development Corp application for license to export 15 755 g of U-235 contained in 1049 011 g U, to Japan  
MIYABAYASHI, M Japan 80/02/21 1p

8003180100 Comments on proposed export to Philippines by Westinghouse Urges NRC to make health & safety of nearby residents prime consideration NRC should recommend refusal to license vendor for const at Bataan  
MUIR, C D Affiliation Unknown 80/02/20 1p

8003190014 Ltr of assurance re Transnuclear, Inc 800130 application for License to export 181 8 kg U-235 contained in 5427 kg total U & 0 034 kg U-235 contained in 1 kg total U to Netherlands  
GOPPEL, M European Communities, Commission of 80/02/25 1p

8003190018 Forwards FR notice of receipt of export license application  
SHEA, J R Office of International Programs 80/02/26 1p

--8003190026 Notice of receipt of applications for licenses to export nuclear facilities or matls  
SHEA, J R Office of International Programs 80/02/26 2pp

8003190244 Forwards application for export license for minor nuclear export Ltr of assurance required  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/28 1p

8003190252 Forwards application for export license for minor nuclear export Ltr of assurance required  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/28 1p

8003190260 Forwards application for export license for minor nuclear export Ltr of assurance required  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/28 1p

8003190268 Requests Executive Branch position re Exxon Nuclear Co application for license to export SNM to West Germany  
DIRCKS, W J Office of the Executive Director for Operations 80/02/28 1p

8003190311 Requests Executive Branch position re KMS Fusion Inc application for license to export 300 Ci Tritium contained in pellets to United Kingdom  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/03 1p

8003190313 Forwards application for export license for minor nuclear export Ltr of assurance required  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/29 1p

8003190603 Amend 1 to GA Co export license, revising ultimate consignees to include all commercial nuclear reactor facilities operated by Atomic Energy of Canada, Ltd & revising description of matls, excluding certain assembled parts  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/15 1p

8003190614 License for Aldrich Chemical Co, Inc to export 5 kg deuterium, contained in 20 kg deuterium oxide, to Belgium  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/15 2pp

8003190687 SECY-80-063  
Summarizes status of review for approval of proposed license to export source matl to France for enrichment Recommends deferral of action pending receipt of Executive Branch & DOE views  
SHEA, J R Office of International Programs 80/01/31 2pp

--8003190690 Confirms that NRC is deferring action on proposed export license pending receipt of determination by Secretaries of Energy & State that no commitments from France are necessary to ensure approval prior to enrichment  
SHEA, J R Office of International Programs 80/01/22 1p

8003190691 SECY-80-065  
Summarizes info re proposed export license Recommends authorizing issuance of proposed license to TNS, Inc  
SHEA, J R Office of International Programs 80/01/29 3pp

8003190736 License for Aldrich Chemical Co, Inc to export 5 kg deuterium, contained in 20 kg deuterium oxide, to West Germany  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/15 2pp

8003190741 License for Aldrich Chemical Co, Inc to export 2 0 kg deuterium, contained in 10 0 kg deuterium oxide, to Costa Rica  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/02/15 2pp

8003190745 Supports proposed import of 0 49 kg U-235, contained in 15 kg U, by Westinghouse from South Korea  
MOORE, R N Office of International Programs 80/02/15 1p

--8003190748 License for Westinghouse, Nuclear Intl Div, to import 0 49 kg U-235, contained in 15 kg U, from South Korea  
PETERSON, M R Office of International Programs 80/01/08 1p

8003200138 Forwards Ebasco Svcs Inc analysis of C Newhall review of volcanological aspects of reactor site Ebasco requests that analysis be made part of record of proceeding  
HANRAHAN, E J Office of Policy Evaluations 80/02/29 1p



## NONDOCKETED ITEMS

- 8003200143 Forwards analysis of C Newhall volcanological review  
Analysis is based on several erroneous preconceptions  
Assumes that Mount Natib was active volcano during Holocene  
era Volcano is relatively old & deeply weathered  
HAZAK, J T Ebasco Services, Inc (subs of Enserch Corp)  
80/03/13 26pp
- 8003200167 Forwards ltr of assurance re Edlow Intl Co application for  
license to export 25 kg high enriched U to France Requests  
review  
HARMON, D Edlow International Co 80/01/28 4pp
- 8003240050 Executive Branch position re Hittman Metals & Medical  
Components, Inc application for license to export 140 g  
Pu-238, contained in encapsulated heat sources, to Israel  
License should be granted  
NOSENZ, L V State, Dept of, Bureau of Oceans & Internatl Environ &  
Scientific Affairs 80/03/05 2pp
- 8003240053 Executive Branch position re Eberline Instrument Corp  
application for license to export 0.02 microgram Pu-239,  
electroplated in alpha calibr std set to South Korea Ltr of  
assurance encl License should be granted  
NOSENZ, L V State, Dept of, Bureau of Oceans & Internatl Environ &  
Scientific Affairs 80/03/05 3pp
- 8003240058 Requests Executive Branch position re Transnuclear Inc  
application for license to export highly enriched U to  
West Germany  
DIRCKS, W J Office of the Executive Director for Operations  
80/03/05 1p
- 8003240063 Requests change in quantity of matl noted in 790326 ltr to  
3 25 g U-235, contained in 3 64 g total U, for export by OA Co  
to Italy  
MARCHAL, J European Communities, Commission of 80/02/28 1p
- 8003240078 License for Sigma Chemical Co to export 10 0 kg deuterium  
oxide to India  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards D-37 80/03/06 2pp
- 8003240100 License for Westinghouse to export 3 fission counters, Model  
ML-6376A w/535 mg Th-232 coating to Japan  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards ZE-60171 80/03/06 1p
- 8003240103 License for Transnuclear, Inc to export 10 1 kg U-235,  
contained in 51 2 kg U, to Spain  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards 80/03/06 2pp
- 8003240106 License for Westinghouse to export one proportional counter,  
Unit 23055, to Italy  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards ZE-40038 80/03/06 1p
- 8003240109 License for Transnuclear, Inc to export 73 620 kg U-235,  
contained in 900 kg U, to France  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards TNP-268 80/03/06 1p
- 8003240177 Forwards license for OE to export SNM to Belgium License  
issued w/o 15-day waiting period due to small quantity of  
matl & urgent requirement of proposed export  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards 80/02/29 1p
- 8003240180 License for OE to export 1 185 mg U-235, contained in 1 27 mg  
U enriched to 93 5 w/o max, as U oxide powder encapsulated &  
26 mg Np-237 as neptunium oxide powder encapsulated, to  
Belgium  
PETERSON, M R Office of International Programs. 80/02/29 2pp
- 8003240192 Forwards ltr from Eberling Instrument Corp requesting  
cancellation of application (XB-0959) w/o encl  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards 80/03/05 1p
- 8003240240 Discusses Separative Work Unit Corp 791203 application &  
800204 amend to import 35,500 kg U, enriched to 2 70% U-235 &  
9,700 kg U, enriched to 3 25% from Germany Importation does  
not constitute undue risk License encl  
MOORE, R N Office of International Programs. 80/02/15 1p
- 8003240245 License for Separative Work Unit Corp to import 33,500 kg U,  
enriched to 2 7% U-235, & 9,700 kg U, enriched to 3 25%  
U-235, from Germany  
PETERSON, M R Office of International Programs 80/02/15 1p
- 8003240252 Forwards application for license to export nuclear Matl &  
equipment  
SCHUMANN, R Panaloina AirFreight, Inc 80/02/22 1p
- 8003240256 Application by Panaloina AirFreight, Inc for license to  
export 7 g enriched U oxide to Finland  
SCHUMANN, R Panaloina AirFreight, Inc 80/02/22 1p
- 8003240386 Advises that attached License, XCOM-0372, for United Kingdom  
Treasury & Supply Delegation to export Zircaloy-2 seamless  
tubing to United Kingdom was issued w/o customary 15-day  
waiting period  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards 80/03/04 1p
- 8003240390 License for United Kingdom Treasury and Supply Delegation  
to export 3 481 lb Zircaloy-2 seamless tubing to United  
Kingdom  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards F-3329/OT 7169 80/03/04 1p
- 8003240645 Provides addl comments on effect of proposed reactor exp  
on health, safety & environ effects & relationship of effects  
to defense & security of US NRC consideration of safety &  
environ effects is authorized & in interests of US  
KNIGHT, C F Council on Environmental Quality 80/02/29 4pp
- 8003250025 Ltr of assurance re Nuclear Fuel Industries Ltd applicati  
to export 10 g U-235, contained in 35 g U & 2 96 g U-235,  
contained in 50 g U to Japan  
MIYABAYASHI, M Japan 80/02/19 1p
- 8003250032 License for Spex Industries, Inc to export 10 0 g U-235  
contained in 35 g U, as NBS samples U-005, U-010, U-020, U-030,  
U-050, U-900 & U-930, to Japan  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards K-0453 80/03/04 2pp
- 8003250033 License for Edlow Intl Co to export 13,000 kg U, as depleted  
U tails inform of U tetrafluoride, to United Kingdom  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards 80/03/05 2pp
- 8003250036 License for Spex Industries, Inc to export 2 96 g U-235  
contained in 50 g U, as NBS samples U-0002, U-005, U-010, U-015,  
U-020, U-030, U-050, U-100, U-150 & U-200, to Japan  
MOORE, R N Assistant Director for Export/Import & International  
Safeguards O1004 80/03/04 2pp
- 8003250087 License for Sigma Chemical Corp to export 5 kg deuterium  
oxide to Venezuela  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards 80/03/06 2pp
- 8003250101 SECY-80-098  
Forwards Executive Branch position re Edlow Intl Co  
application for license to export 13,000 kg depleted U, in  
form of U tetrafluoride to United Kingdom Requests comment  
SHEA, J R Office of International Programs. 80/02/15 1p
- 8003250107 Executive Branch position re Edlow Intl Co application for  
license to export 13,000 kg depleted U, in form of U  
tetrafluoride to United Kingdom License should be granted  
NOSENZ, L V State, Dept of, Bureau of Oceans & Internatl Environ  
& Scientific Affairs 80/01/29 2pp
- 8003250236 Requests Executive Branch position re Exxon Nuclear Co, Inc  
application for license to export SNM to Belgium  
DIRCKS, W J Office of the Executive Director for Operations  
80/02/28 1p
- 8003250487 Forwards 800303 export license application for review  
Pursuant to NRC revised code requirements, exports of this  
type will not require Commissioner review License will be  
issued on receipt of Executive Branch approval w/o encl  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards 80/03/13 1p
- 8003250495 Forwards pending export license application, favorable  
Executive Branch views & proposed license for export of  
100,000 kg natural U, in form of U-308, to West Germany  
Export does not require Commissioner review, w/o encl  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards. 80/03/12 1p
- 8003260031 Notifies that license was issued w/d customary 15-day  
waiting period due to urgent requirement of matl by  
customer  
PETERSON, M R Assistant Director for Export/Import & International  
Safeguards 80/03/13 1p

# NONDOCKETED ITEMS

383

--8003260039 License for Tube Div of Kawecki to export pieces of Zircaloy-II seamless tubing to Canada  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/13 1p

8003270052 Comments on proposed reactor export to Philippines NRC legally entitled by Nonnuclear Proliferation Act of 1978 to consider effects on Philippine population & Americans connected to Subic Bay Naval Base & Clark Air Force Base  
PARSONS, R J LEWIN, R J Friends of the Earth 80/02/29 3pp

8003270374 License for Reactor Experiments, Inc to export 7 49 kg U-238, contained in 7 5 kg U-238 discs, to Japan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/06 1p

8003270377 License for Conax Corp to export component parts for use in fabrication of electric penetration assembly to Italy  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/06 1p

8003270380 License for Sigma Chemical Co to export 5 0 kg deuterium oxide to Venezuela  
PETERSON, M R Assistant Director for Export/Import & International Safeguards D-36 80/03/06 2pp

8003280057 Requests Executive Branch position re GE application for license to export 239,000 kg U, enriched to 4 0% U-235, to Taiwan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/13 1p

8003280068 Requests Executive Branch position re Edlow Intl Co 800310 ltr requesting extension of license to export 800,000 Ci tritium gas to Switzerland  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/13 1p

8003280075 Requests Executive Branch position re Edlow Intl Co application for license to export U308 to West Germany for storage & return to US W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/12 1p

8003280146 Requests Executive Branch position re Carpenter Technology Corp application for license to export Zircaloy-4 fuel channels to India  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/19 1p

8003280178 Application by Cerac, Inc for license to export 8 78 kg thorium oxide, to Italy  
COLTON, E Cerac, Inc 80/03/07 1pp

8003280183 Application by Westinghouse, Industrial & Govt Tube Div, for license to export six NL23088 fission counters w/special plug w/cable, each containing 500 mg U-235 per square centimeter, to Japan  
POCHAL, W F Westinghouse Electric Corp ZE-60177 80/03/04 2pp

8003280190 Application by Edlow Intl Co for license to export 192.326 kg U, contained in 226,800 kg U308, to Japan  
HARMON, D Edlow International Co NUXXCO-E 80/03/03 1pp

8003280198 Application by Mitsubishi Intl Corp for license to export 500 mCi encapsulated cement wire of CF-252 to Japan  
KUOE, T Mitsubishi International Corp (subs. of Mitsubishi Corp.) 64-7406-80 80/03/05 1pp

8003280200 License for Sigma Chemical Co to export 5 0 kg deuterium oxide to Brazil  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/12 2pp

8003280206 Application by Westinghouse, Industrial & Govt Tube Div, for license to export one WL-23744 BFG counter tube to France  
POCHAL, W F Westinghouse Electric Corp ZE-20339 80/03/04 1p

8003280216 Application by Mitsubishi Intl Corp for license to export 500 mCi encapsulated cement wire of CF-252 to Japan  
KUOE, T Mitsubishi International Corp (subs. of Mitsubishi Corp.) 64-7406-80 80/03/05 1p

8003280221 Application by Edlow Intl Co for license to export 119,242 kg U ore, contained in 140,616 kg U-308, to West Germany  
HARMON, D W Edlow International Co URO-3 80/03/05 1p

8003280250 Application By United Kingdom Treasury & Supply Delegation, British Embassy for license to export 125 reactor grade Zircaloy-2 seamless tubes to United Kingdom  
THOMPSON, S L United Kingdom F-3329/OT 7169 80/02/28 1p

8003280258 License for Mitsubishi Intl Corp to export 25 mg U-235, contained in 27 mg U in fire income detectors, to Japan  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/04 2pp

8003280264 License for Mitsubishi Intl Corp to export 25 mg U-235, contained in 27 mg U in fire income detectors, to Japan  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/04 2pp

8003280270 License for Mitsubishi Intl Corp to export 10 mg U-235, contained in 11 mg U in two income detectors, to Japan  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/04 2pp

8003280277 License for Marubeni America Corp to export 15 755 g U-235, contained in 1,049 Oil g U, to Japan  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/04 2pp

8003280285 License for Transnuclear, Inc to export 181 8 kg U-235, contained in 9 427 kg U & O 034 kg U-235, contained in one kg U to The Netherlands  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/03 2pp

8003280305 License for Sandia Labs to export 1 32 g U-235, contained in 4 41 g U, 1 45 g U-235, contained in 2 23 g U & O 744 g Pu as U/Pu mixture, to West Germany  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/04 2pp

8003280317 Forwards application by Transnuclear, Inc for license to export 14 3 kg U, containing 13 342 kg U-235, to West Germany  
MATSON, V Transnuclear, Inc 80/02/29 2pp

--8003280330 Application by Transnuclear, Inc for license to export 14 3 kg U, containing 13 342 Kg U-235, to West Germany End use statement encl  
\* Transnuclear, Inc NUK 317,80-0331 80/02/29 4pp

8003280519 License for Nucleonic Data Sys to export 4,204 mCi Am-241, incorporated in sealed sensor probes & gauges, to Poland  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/14 2pp

8003280523 Requests Executive Branch position re GE application for license to export two power reactors to Taiwan  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/17 1p

8003280530 Requests Executive Branch position re Bryon Jackson Pump Div applications for licenses to export reactor components to India  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/18 1p

8003280530 Requests Executive Branch position re Bryon Jackson Pump Div applications for licenses to export reactor components to India  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/18 1p

8003280534 Forwards application for export license for minor nuclear export ltr of assurance required W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/14 1p

8003280546 Executive Branch position re Nucleonic Data Sys, Inc application for license to export 4,202 mCi Am-241 to Poland, License should be granted  
NOSENZ, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs. 80/03/12 2pp.

8003280556 License for Exxon Nuclear Co, Inc to export Zircaloy tubing, Zircaloy end caps, Inconel plenum springs, alumina insulator discs, skeleton assemblies & other nuclear reactor parts & components, to Belgium  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/13 1p

8003280564 License for Transnuclear, Inc to export 286 mCi Cf-252 to France  
MOORE, R N Assistant Director for Export/Import & International Safeguards 80/03/17 1p

## NONDOCKETED ITEMS

8003280574 License for Exxon Nuclear Co, Inc to export nuclear fuel element hardware including Zircaloy tubing, spacer assembly, lower end caps, plenum springs & other specially designed nuclear reactor parts to Sweden  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/13 1p

8003280612 Executive Branch position re Westinghouse application for license to export 56.4 mg U-235 to Yugoslavia Ltrs of assurance encl License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/03/17 9pp

8003310176 Application by Carpenter Technology Corp for license to export Zircaloy-4 fuel channels to India  
BRISTOL, D C Carpenter Technology Corp 80/03/14 3pp

8003310181 Application by Carpenter Technology Corp for license to export Zircaloy-4 fuel channels to Japan  
BRISTOL, D C Carpenter Technology Corp 80/03/12 5pp

8003310186 Ltr of assurance re license to export 10 mg U-235, enriched to max of 93.15% to Japan  
MIYABAYASHI, M Japan 79/11/29 1p

8003310188 Submits application for license to export 672 ft Zircaloy-2 seamless tubing to Canada  
TRIOLLO, K Atomic Energy of Canada, Ltd 80/03/11 1p

8003310352 SECY-80-04/  
Forwards Executive Branch response on pending Transnuclear, Inc application for license to export U-hexafluoride to Sweden Requests comment  
SHEA, J R Office of International Programs 80/01/24 1p

--8003310355 Executive Branch position re Transnuclear, Inc application for license to export 35.088 kg U, in form of U hexafluoride, containing 32.737 kg U-235, to Sweden License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/01/18 6pp

8003310385 Forwards 800303 ltr from Westinghouse requesting cancellation of export license application W/o encl  
PETERSON, M R Assistant Director for Export/Import & International Safeguards 80/03/08 1p

8003310457 License for Hittman Matis & Medical Components, Inc to export 140 g Pu, as Pu oxide pellet, to Israel  
MOORE, R H Assistant Director for Export/Import & International Safeguards 80/03/07 2pp

8003310476 Amend 1 to Mitsubishi Intl Corp export license, replacing lost original license, issued 800205  
MOORE, R H Assistant Director for Export/Import & International Safeguards 84-7384-80 80/03/07 2pp

8003310486 Executive Branch position re OA Co application for license to export 405 g U-235, contained in 579 g U, to Mexico Text of ltr of assurance encl License should be granted  
NOSENZO, L V State, Dept of, Bureau of Oceans & Internatl Environ & Scientific Affairs 80/02/22 3pp

# PERSONAL AUTHOR INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| AUTHOR              | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|---------------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| AAHODT, H. M.       | 8003310397       | 50-289 Q         | ALDEN, W. M.    | 8003180409*      | 50-277 R         | ARCHITZEL, R. E. | 8003060504*      | 50-317 Q         |
| AAHODT, H. M.       | 8003250118       | PR               | ALLAN, J. M.    | 8003140076*      | 50-77 Q          | ARCHITZEL, R.    | 8003180084       | 50-317 S         |
| ABBOTT, E. Q.       | 8003060027       | 50-320 Q         | ALLAN, J. M.    | 8003030043       | M18C             | ARKINS, R. J.    | 8003180181       | 40-4492          |
| ABERCHROMBIE, H. L. | 8003180378       | 50-259 R         | ALLAN, J. M.    | 8003140042       | 50-77 Q          | ARLITTO, G. A.   | 8002290044       | 50-320 P         |
| ABRAHAM, K.         | 8003240633       | PR               | ALLEN, J.       | 8003280164*      | 50-280 Q         | ARMSTRONG, W. H. | 8003230295       | PROJ             |
| ABRAHAM, K.         | 8003270068       | PR               | ALLEN, J. E.    | 8003060056*      | 71-273           | ARMSTRONG, W. H. | 8003250295       | PROJ             |
| ACKERMAN, W. C.     | 8003200006       | 40-4492          | ALLEN, J. E.    | 8003060052       | 71-273           | ARMSTRONG, W. H. | 8003250311       | 50-320 P         |
| ACOSTA, A. P.       | 8003190075       | 40-8584          | ALLEY, D.       | 8003100003*      | 50-320 H         | ARNOLD, R. C.    | 8003100057       | 50-320 P         |
| ACOSTA, A. P.       | 8003170064       | 40-8584          | ALLISON, W. W.  | 8003140088*      | 50-320 H         | ARTHUR, J. E.    | 8003200112       | PR               |
| ADAIR, R. C.        | 8003240386*      | 50-320 H         | ALLWINE, K. J.  | 8003100188       | NUREG            | ARTHUR, K. L.    | 8003140062       | 70-364           |
| ADAMS, J. H.        | 8003120178*      | 70-143           | ALMETER, F. H.  | 8003070301*      | ACRS             | ASH, R. F.       | 8003200593       | PR               |
| ADAMS, R. W.        | 8003060063       | 40-8481          | ALTHAN, W.      | 8003230163       | 70-135           | ASH, R. F.       | 8003270191       | PR               |
| ADAMS, W. E.        | 8003110478       | 50-255 R         | ALTOMARE, P.    | 8003180214       | PR               | ASHE, P. O.      | 8003200534       | 50-556 H         |
| ADERHOLD, H. C.     | 8003260595       | 50-97 P          | ALVIC, D. R.    | 8003100183       | NUREG            | ASHE, P. O.      | 8003270048       | 50-556 H         |
| ADRIANA, J. H.      | 8003090650       | PROJ             | AMAND, H.       | 8003100221*      | QA999            | ASHENDEN, M. C.  | 8003120740*      | 50-250 Q         |
| AGEE, J. R.         | 8003120291*      | QA999            | AMES, L. L.     | 8003180170       | PR               | ASHENDEN, J.     | 8003110170*      | 50-364 Q         |
| AGEE, J. R.         | 8003270335*      | QA999            | ANDERSON, R. C. | 8003130237*      | 50-344 Q         | ASHENDEN, M.     | 8003270354*      | 50-302 Q         |
| AGEE, J. R.         | 8003310104*      | QA999            | ANDERSON, R. C. | 8003130252*      | 50-344 Q         | ASHER, T. R.     | 8003060749       | 50-574 Q         |
| AHEARN, C. D.       | 8003030153       | 50-445 M         | ANDERSON, R. C. | 8003130291*      | 50-344 Q         | ASHER, T. R.     | 8003060749       | 50-574 Q         |
| AHEARN, C. D.       | 8003240173       | 50-445 M         | ANDERSON, D. M. | 8003200476       | REOD             | ASHER, T. R.     | 8003060749       | 50-574 Q         |
| AHEARN, C. D.       | 8003260277       | 50-445 M         | ANDERSON, T. M. | 8003250397*      | 50-485 S         | ASHELL, D. L.    | 8003170061       | 50-382 A         |
| AHEARN, C. D.       | 8003280634       | 50-445 M         | ANDERSON, T. M. | 8003180217       | TOPREP           | ASHELL, D. L.    | 8003060240       | 50-382 Q         |
| AHEARN, C. D.       | 8003030153       | 50-445 M         | ANDERSON, T. M. | 8003280527       | 50-282 P         | ASHELL, D. L.    | 8003190626       | 50-382 S         |
| AHEARN, C. D.       | 8003240173       | 50-445 M         | ANDERSON, T. M. | 8002130552       | TOPREP           | ASHELL, D. L.    | 8003280649       | 50-382 Q         |
| AHEARN, C. D.       | 8003260277       | 50-445 M         | ANDERSON, T. M. | 8003200118       | PR               | ASHELL, D. L.    | 8003180397       | 50-382 S         |
| AHEARN, C. D.       | 8003280634       | 50-445 M         | ANDERSON, T. M. | 8003130573       | TOPREP           | ASHELL, D. L.    | 8003180548       | 50-382 S         |
| AHEARNE, J. F.      | 8003060340       | COMMISSION       | ANDERSON, T. M. | 8003170458       | TOPREP           | ATWATER, T.      | 8003270380*      | 50-556 Q         |
| AHEARNE, J. F.      | 8003060391*      | 50-346 U         | ANDERSON, T. M. | 8003120422       | TOPREP           | AUSTIN, M. A.    | 8003040044       | 70-364           |
| AHEARNE, J. F.      | 8003060071       | WASTE MGT        | ANDERSON, T. M. | 8003270368       | TOPREP           | AUSTIN, M. A.    | 8003040112       | 70-135           |
| AHEARNE, J. F.      | 8003110257       | State Prag       | ANDERSON, J. L. | 8003310030*      | 50-312 T         | AUSTIN, M. A.    | 8003140053       | 70-135           |
| AHEARNE, J. F.      | 8003230378       | 50-289 Q         | ANDONINI, O. C. | 8003040062       | 50-293 Q         | AUSTIN, M. A.    | 8003280141       | 71-6400          |
| AHEARNE, J. F.      | 8003060568       | COMMISSION       | ANDONINI, O. C. | 8003060506       | 50-293 Q         | AUSTIN, M. A.    | 8003050056       | 70-364           |
| AHEARNE, J. F.      | 8003110017       | COMMISSION       | ANDONINI, O. C. | 8003120715       | 50-293 Q         | AUSTIN, M. A.    | 8003050067*      | 70-364           |
| AHEARNE, J. F.      | 8003110025*      | COMMISSION       | ANDONINI, O. C. | 8003190394*      | 50-293 Q         | AUSTIN, M. A.    | 8003050101       | 70-135           |
| AHEARNE, J. F.      | 8003110055*      | COMMISSION       | ANDONINI, O. C. | 8003100132       | 50-293 F         | AUSTIN, M. A.    | 8003040090       | 70-135           |
| AHEARNE, J. F.      | 8003110063*      | COMMISSION       | ANDONINI, O. C. | 8003120588       | 50-293 Q         | AUSTIN, M. A.    | 8003050044       | 70-135           |
| AHEARNE, J. F.      | 8003110069*      | COMMISSION       | ANDONINI, O. C. | 8003170388       | 50-293 F         | AUSTIN, M. A.    | 8003050318       | 70-135           |
| AHEARNE, J. F.      | 8003110075*      | COMMISSION       | ANDONINI, O. C. | 8003070367       | 50-293 R         | AUSTIN, M. A.    | 8003040342       | 70-364           |
| AHEARNE, J. F.      | 8003110135       | 50-320 U         | ANDONINI, O. C. | 8003170374       | 50-293 F         | AUSTIN, M. A.    | 8003040249       | 70-364           |
| AHEARNE, J. F.      | 8003110165*      | 50-320 U         | ANDONINI, O. C. | 8003180601       | 50-293 F         | AUSTIN, M. A.    | 8003120367       | 71-9069          |
| AHEARNE, J. F.      | 8003200009       | COMMISSION       | ANDONINI, O. C. | 8003250392       | 50-293 P         | AUSTIN, M. A.    | 8003250417       | 70-364           |
| AHEARNE, J. F.      | 8003200024       | COMMISSION       | ANDONINI, O. C. | 8003260642       | 50-293 P         | AUSTIN, M. A.    | 8003190719*      | 70-135           |
| AHEARNE, J. F.      | 8003200035*      | COMMISSION       | ANDONINI, O. C. | 8003270321       | 50-293 F         | AUSTIN, M. A.    | 8003310448       | 71-6400          |
| AHEARNE, J. F.      | 8003200042       | 70-143           | ANDREWS, D. L.  | 8003190751*      | 50-302 Q         | AUSTIN, M. A.    | 8003310454*      | 71-6400          |
| AHEARNE, J. F.      | 8003200074       | COMMISSION       | ANDREWS, D. L.  | 8003110208*      | 50-324 Q         | AUTIO, H. A.     | 8003250053       | 50-29 S          |
| AHEARNE, J. F.      | 8003200083*      | COMMISSION       | ANG, W. P.      | 8003190140*      | 50-269 Q         | AUTIO, H. A.     | 8003040560       | 50-29 S          |
| AHEARNE, J. F.      | 8003200087*      | COMMISSION       | ANG, W. P.      | 8003190602*      | 50-250 Q         | AXELRAD, M.      | 8003190380       | PR               |
| AHEARNE, J. F.      | 8003200090*      | COMMISSION       | ANG, W. P.      | 8003050281*      | 50-269 Q         | AXELRAD, M.      | 8003130216       | 50-344 Q         |
| AHEARNE, J. F.      | 8003200096*      | COMMISSION       | ANG, W.         | 8003280669*      | 50-324 Q         | AXELRAD, M.      | 8003130218*      | 50-344 Q         |
| AHEARNE, J. F.      | 8003230176       | 10CFR            | ANGELO, J.      | 8003190599*      | 50-412 Q         | AXELRAD, M.      | 8003080001       | 50-367 Q         |
| AKER, R.            | 8003200418*      | 50-295 S         | APFELBERG, E.   | 8003270396       | 50-275 H         | AXELRAD, M.      | 8003120690       | PR               |
| ALBRIGHT, O. M.     | 8003250207*      | 50-289 Q         | APPEL, R. R.    | 8003140099       | 40-8728          | AXELRAD, M.      | 8003050001       | 50-367 Q         |
| ALDEN, W. M.        | 8003070380*      | 50-277 R         | APPEL, J. A.    | 8003110091       | PR               | AXELRAD, M.      | 8003310059*      | 50-255 F         |
| ALDEN, W. M.        | 8003040559       | 50-277 R         | APPEL, J. A.    | 8003180226       | PR               | AXELSON, W. L.   | 8003060097*      | 70-1143          |
| ALDEN, W. M.        | 8003110608       | 50-278 P         | ARANZO, C. K.   | 8003250270       | NUREG            |                  |                  |                  |

## PERSONAL AUTHOR INDEX

| AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------|---------------------|---------------------|-----------------|---------------------|---------------------|----------------|---------------------|---------------------|
| AYER, J E      | 8003060144          | 70-1257             | BAUER, E R      | 8003050454*         | 50-318 S            | BIRKEL, R A    | 8003130667          | 50-389 A            |
| AYER, J E      | 8003070126          | 70-25               | BAUER, E R      | 8003050512*         | 50-318 S            | BIRKEL, R A    | 8003120419          | 50-369 A            |
| AYER, J E      | 8003200111          | 70-754              | BAUER, E R      | 8003050476*         | 50-317 B            | BIRKEL, R A    | 8003250276          | 50-369 A            |
| AYER, J E      | 8003070172*         | 70-8                | BAUER, E Q      | 8003100211*         | 50-277 P            | BISHOP, M      | 8003070013          | PR                  |
| AYER, J E      | 8003240308          | 70-8                | BAUER, E Q      | 8003250548*         | 50-277 P            | BISHOP, C J    | 8003190151          | 50-466 Q            |
| AYERS, R E     | 8003140147*         | MISC                | BAUNACK, W      | 8003190413*         | 50-293 Q            | BISHOP, C J    | 8003040315          | 50-275 Q            |
| AZDGAR, R      | 8003030238*         | 40-6659             | BAUNACK, W      | 8003190234*         | 50-245 Q            | BISHOP, C J    | 8003070009          | 50-275 Q            |
| BACA, T E      | 8003190090          | HASTE MOT           | BAUSCH, W N     | 8002050131          | NUREQ               | BISHOP, C J    | 8003070197          | 50-275 Q            |
| BACA, T E      | 8003170014          | State Prog          | BAXTER, T A     | 8003030022          | 50-312 Q            | BISHOP, C J    | 8003190281          | 50-400 Q            |
| BACCIO, J      | 8003280455          | 50-29 F             | BAXTER, T A     | 8003030022          | 50-312 Q            | BISHOP, C J    | 8003260654          | 50-275 Q            |
| BACH, C W      | 8003180333*         | 50-537 A            | BAXTER, T A     | 8003140300          | 50-312 T            | BISHOP, C J    | 8003180243          | 50-320 Q            |
| BACON, C Q     | 8003310078*         | 50-320 H            | DAY, R          | 8003280154          | 50-367 U            | BISHOP, C J    | 8003180243          | 50-320 Q            |
| BAER, T S      | 8003190360          | 71-6400             | BAYNARD, P Y    | 8003040270          | 50-302 P            | BISHOP, C J    | 8003180253          | 50-320 Q            |
| BAER, R L      | 8003100041          | 50-437 E            | BAYNARD, P Y    | 8003040480          | 50-302 R            | BISHOP, C J    | 8003200079          | 50-275 Q            |
| BAER, R L      | 8003040108          | 50-416 A            | BAYNARD, P Y    | 8003070351          | 50-302 P            | BISHOP, C J    | 8003240575          | 50-275 Q            |
| BAER, R L      | 8003240552          | 50-369 A            | DAYNARD, P Y    | 8003250138          | 50-302 Q            | BISHOP, C J    | 8003280364          | 50-275 Q            |
| BAER, R L      | 8003190198          | 50-369 A            | DAYNE, J P      | 8003040623          | 50-286 S            | BISHOP, C J    | 8003240349*         | 50-445 M            |
| BAER, R L      | 8003240321          | 50-369 A            | DAYNE, J P      | 8003050490          | 50-286 R            | BISHOP, C J    | 8003310194          | 50-445 M            |
| BAER, R L      | 8003260142          | 50-369 A            | DAYNE, J P      | 8003180398          | 50-286 R            | BISHOP, T W    | 8003060460*         | 50-508 Q            |
| BAER, R L      | 8003240148          | 50-369 A            | BEACH, A B      | 8003310237*         | 50-458 Q            | BISHOP, T W    | 8003130374          | 50-397 S            |
| BAER, R L      | 8003270200          | 50-518 A            | BEACH, A B      | 8003270285*         | 50-382 Q            | BISSET, P      | 8003190382*         | 70-135              |
| BAILEY, J      | 8003190498*         | 50-311 F            | BEACH, A B      | 8003130086          | 50-387 Q            | BIXLER, O      | 8003170098*         | 50-320 H            |
| BAILEY, R      | 8003050265*         | 50-293 Q            | BECHHOEFER, C   | 8003130094          | 50-387 Q            | BIZEC, E       | 8003070010          | PR                  |
| BAILEY, R J    | 8003050171*         | 70-820              | BECHHOEFER, C   | 8003070012          | 50-498 Q            | BLACK, R L     | 8003260449          | 50-341 Q            |
| BAILEY, R J    | 8003110171*         | 70-2842             | BECHHOEFER, C   | 8003130002          | 50-498 Q            | BLACK, H       | 8003260136*         | FOIA                |
| BAIR, Q Q      | 8003110650          | 50-344 R            | BECHHOEFER, C   | 8003280655          | 50-498 Q            | BLAIR, H N     | 8003200591*         | 50-320 Q            |
| BAISDEN, L     | 8003200019          | CONTRACT            | BECK, Q P       | 8003040462          | 50-151 R            | BLAISDELL, R E | 8003060553          | TOPREP              |
| BAISDEN, L     | 8003190769          | CONTRACT            | BECKMAN, D A    | 8003200505*         | 50-334 Q            | BLAKE, E L     | 8003190144          | 50-287 Q            |
| BAKER, C E     | 8003240516          | 40-8681             | BECKMAN, D A    | 8003130085*         | 50-334 Q            | BLAKE, J J     | 8003190572*         | 50-430 Q            |
| BAKER, C E     | 8003280125          | 40-8681             | BEERS, F C      | 8003170428*         | 50-309 R            | BLAKE, J J     | 8003270213*         | 50-400 Q            |
| BAKER, D Q     | 8003140242*         | 50-255 P            | BEERS, F C      | 8003170265*         | 50-271 R            | BLAKE, J       | 8003190624*         | 50-250 Q            |
| BAKER, K R     | 8003310409*         | 50-155 Q            | BEERS, F C      | 8003170425*         | 50-29 R             | BLAKE, J J     | 8003190961*         | 50-400 G            |
| BAKER, K R     | 8003280111*         | 50-186 Q            | BEGOR, R D      | 8003130424*         | 50-315 R            | BLISS, J W     | 8003130679          | 50-311 H            |
| BAKER, K R     | 8003250006          | 50-2 S              | BEHAN, J L      | 8003190679          | PR                  | BLONEKE, J Q   | 8003110019          | PR                  |
| BALDRIDGE, M   | 8003250085          | 50-556 H            | BEHAN, J L      | 8003130006          | PR                  | BLONEKE, J Q   | 8003110006          | PR                  |
| BALDWIN, W A   | 8003060429          | PR                  | BELTISLE, Q A   | 8003190193*         | 50-327 Q            | BLONCKE, J Q   | 8003110015          | PR                  |
| BALLARD, R L   | 8003170030          | 50-416 A            | BELL, M         | 8003240293*         | 50-556 H            | BLUMBERG, N    | 8003190234*         | 50-245 Q            |
| BALLARD, R L   | 8003060418*         | 50-352 U            | BELL, J M       | 8003190766*         | FOIA                | BLUMENFELD, S  | 8003280329*         | 50-289 H            |
| BALLARD, R L   | 8003110391          | 50-341 A            | BELL, J M       | 8003190735*         | FOIA                | BLUMENFELD, S  | 8003280327*         | 50-289 H            |
| BALLARD, R L   | 8003240044          | 50-373 A            | BELL, J M       | 8003190725*         | FOIA                | BLUME, M B     | 8003270117*         | 50-445 M            |
| BALLARD, R L   | 8003270137*         | 50-280 P            | BELTRACCHI, L   | 8003190112          | MISC                | BLUME, M B     | 8003030072          | 50-445 M            |
| BALLARD, R L   | 8003270136          | 50-280 P            | BENDER, P D     | 8003190851*         | FOIA                | BLUME, M B     | 8003070332          | 50-445 M            |
| BALLARD, R L   | 8003270146*         | 50-280 P            | BENEDICT, D E   | 8003240412          | 50-185 P            | BLUME, M B     | 8003190628          | 50-445 M            |
| BALLINGER, P L | 8003110658*         | 50-298 R            | BENEDICT, D E   | 8003250441          | 50-30 P             | BLUME, M B     | 8003190638          | 50-445 M            |
| BALLOU, R M    | 8003250479          | 40-4472             | BENEDICT, R A   | 8003100238          | 50-382 A            | BLUME, M B     | 8003190919          | 50-445 M            |
| BANCART, R L   | 8003120955          | 50-335 P            | BENEDICT, R A   | 8003110062          | 50-382 A            | BLUME, M B     | 8003270109          | 50-445 M            |
| BARBAT, W M    | 8003240563          | COMMISISON          | BENNETT, C L    | 8003280391          | 50-546 H            | BLUME, M E     | 8003270513          | 50-445 M            |
| BARBERA, P L   | 8003130636*         | 50-556 H            | BENNETT, O L    | 7903280215          | MISC                | BOCK, R Q      | 8003190847*         | CONTRACT            |
| BARCIA, J F    | 8003210524          | 50-280 P            | BENNETT, O L    | 7903280360          | MISC                | BODINE, J C    | 8003060613*         | 50-244 P            |
| BARDELL, N     | 8003170079          | 50-320 H            | BENSON, J C     | 8003070004          | PR                  | BODINE, J C    | 8003060616*         | 50-244 P            |
| BARDELL, N     | 8003040037          | 50-320 T            | BENSON, L V     | 8003180226          | PR                  | BODINE, J C    | 8003060625*         | 50-244 P            |
| BARKER, N R    | 8003240397          | TOPREP              | BERO, S         | 8003280082          | 70-1308             | BODTKE, P J    | 8003110480*         | 50-255 R            |
| BARKER, R F    | 8003130500*         | 40-6264             | BERGER, J W     | 8003060048*         | 70-1319             | BOETTGER, J T  | 8003190384          | MEQOD               |
| BARNES, J N    | 8003100196          | 50-574 Q            | BERICK, D       | 8001100406          | 50-10 H             | BOETTGER, J T  | 8003260585          | NUREQ               |
| BARNES, I      | 8003100228*         | QA999               | BERNARDI, R     | 8003180214          | PR                  | BOGGIN, M B    | 8003060749          | 50-374 Q            |
| BARNES, I      | 8003190379*         | FOIA                | BERRY, J B      | 8003250123          | HASTE MOT           | BOGIN, M B     | 8003060749          | 50-374 Q            |
| BARNES, I      | 8003140142          | REQOD               | BESECKE, K H    | 8003070314*         | 70-2842             | BOHN, R J      | 8003030493          | 50-367 R            |
| BARNES, I      | 8003280667          | REQOD               | BESETTE, D E    | 8003070279          | ACRS                | BOHN, R J      | 8003040409          | 50-367 R            |
| BARTH, C A     | 8003240094          | 50-155 H            | BESETTE, D E    | 8003070291          | ACRS                | BOHN, R J      | 8003070384          | 50-367 R            |
| BARTH, C A     | 8003190319          | 50-255 Q            | BETTAUER, R J   | 8003060719          | 50-574 Q            | BOHN, R J      | 8003180458          | 50-367 R            |
| BARTH, C A     | 8003240596          | 50-358 Q            | BEVAN, R        | 8003310175          | 50-249 P            | BOHN, R J      | 8003260619          | 50-367 R            |
| BARTH, C A     | 8003310435          | 50-255 Q            | BEVEA, J        | 8003200126*         | 50-3 P              | BOHN, R J      | 8003270430          | 50-367 R            |
| BARTLETT, J    | 8003050091          | 50-220 Q            | BEVER, R F      | 8003190775          | 71-9032             | BOHN, R J      | 8003310383          | 50-367 R            |
| BARTLETT, J    | 8003120718          | 50-410 Q            | BIBB, W R       | 8003060044          | 70-1319             | BOLOER, R L    | 8003060671*         | 50-284 S            |
| BARTLETT, J    | 8003280470          | 50-410 Q            | BICKEL, J H     | 8003070234          | ACRS                | BONCHER, F J   | 8003130294          | FOIA                |
| BARTLETT, J    | 8003180288          | 50-220 F            | BICKEL, J H     | 8003060641          | ACRS                | BOND, R T      | 8003030475          | 50-270 S            |
| BARTLETT, J    | 8003260073          | REVIEW QRP          | BICKEL, J H     | 8003060647          | ACRS                | BONO, R        | 8003210583          | 50-123 Q            |
| BASKIN, K P    | 8003100075          | 50-361 Q            | BICKEL, J H     | 8003070110          | ACRS                | BONH, H E      | 8003170093          | 50-433 Q            |
| BASKIN, K P    | 8003100061          | 50-361 Q            | BICKEL, J H     | 8003050062          | ACRS                | BONH, H E      | 8003170095*         | 50-433 Q            |
| BASKIN, K P    | 8003170149          | 50-361 Q            | BICKWIT, L      | 8003280181*         | CONTRACT            | BOONE, J B     | 8003130194*         | 50-324 Q            |
| BASKIN, K P    | 8003110280          | 50-361 Q            | BICKWIT, L      | 8003050128*         | 10CFR               | BORDENICK, B M | 8003070312          | 50-320 Q            |
| BASKIN, K P    | 8003310218          | 50-361 Q            | BICKWIT, L      | 8003050095*         | 10CFR               | BORDENICK, B M | 8003060462          | 50-320 Q            |
| BASKIN, K P    | 8003280042          | 50-361 Q            | BICKWIT, L      | 8003060374          | 50-546 U            | BORDENICK, B M | 8003040261          | 50-320 T            |
| BASKIN, K P    | 8003120430          | 50-206 F            | BICKWIT, L      | 8003060400          | 50-546 U            | BORDENICK, B M | 8003040272          | 50-320 T            |
| BASKIN, K P    | 8003200642          | 50-206 F            | BICKWIT, L      | 8003050087*         | 10CFR               | BORDENICK, B M | 8003170045          | 50-320 Q            |
| BASKIN, K P    | 8003260640          | 50-206 P            | BICKWIT, L      | 8003200063          | 50-367 U            | BORDENICK, B M | 8003190326          | 50-314 Q            |
| BASKIN, K P    | 8003200508          | FOIA                | BIDDLE, C Y     | 8003060660          | 50-498 Q            | BORDENICK, B M | 8003190928          | 50-314 Q            |
| BATCH, J H     | 8003110033          | PR                  | BIDDLE, C Y     | 8003060660          | 50-498 Q            | BORDENICK, B M | 8003190637          | 50-314 Q            |
| BATEMAN, H H   | 8003040082*         | 50-412 Q            | BIELAWSKI, A F  | 8003260224          | 50-255 Q            | BORDENICK, B M | 8003190907          | 50-322 Q            |
| BATEMAN, H H   | 8003190909*         | 50-423 Q            | BEMILLER, E C   | 8003050365          | 50-309 P            | BORDENICK, B M | 8003250357          | 50-320 Q            |
| BATEMAN, H H   | 8003280155*         | 50-354 Q            | BIERMAN, B R    | 8003260649          | RES                 | BORES, R J     | 8003040106*         | 50-272 Q            |
| BATES, A       | 8003240639          | PR                  | BIOTARELLI, M J | 8003240502*         | 50-245 S            | BORGAMANN, E A | 8003130158          | 50-358 Q            |
| BATES, R W     | 8003070338*         | 50-336 S            | BIOTARELLI, M J | 8003280522*         | 50-245 S            | BORGAMANN, E A | 8003280640*         | 50-358 Q            |
| BATES, A       | 8003130601          | PR                  | BIRKEL, R A     | 8003240033          | 50-369 A            | BORGAMANN, E A | 8003040453          | 50-358 Q            |
| BAUER, J T     | 8003260885          | NUREQ               | BIRKEL, R A     | 8003040211          | 50-369 A            | BORGAMANN, E A | 8003200361          | 50-358 Q            |

## PERSONAL AUTHOR INDEX

387

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|----------------|------------------|------------------|---------------|------------------|------------------|
| BORGSMANN, E A   | 8003110007       | 50-388 H         | BRODSKY, R L   | 8003240074*      | 50-3 Q           | BRUNNER, E J  | 8003110241*      | 10CFR            |
| BORGSMANN, E A   | 8003140398       | 50-388 F         | BROEHL, D J    | 8003130579       | 50-344 Q         | BRUNNER, E J  | 8003260399       | 50-219 Q         |
| BORGSMANN, E A   | 8003280387       | 50-388 S         | BROEHL, D J    | 8003060252       | 50-344 Q         | BRUNNER, E J  | 8003040031       | 50-272 Q         |
| BORGSMANN, E A   | 8003280392       | 50-388 S         | BROEHL, D J    | 8003120343       | 50-344 P         | BRUNNER, F J  | 8003190438       | 50-29 S          |
| BOSSENMAIER, W   | 8003280059       | 50-312 G         | BROEHL, D J    | 8003200315       | 50-344 P         | BRUNNER, E J  | 8003190206       | 50-245 Q         |
| BOSSING, E N     | 8003050168       | 70-2317          | BROEHL, D J    | 8003260320       | 50-344 P         | BRUNNER, E J  | 8003190387       | 50-293 Q         |
| BOURNIGHT, J A   | 8003200034       | 50-445 M         | BROEHL, D J    | 8003250358       | 50-344 P         | BRUNNER, E J  | 8003190696       | 50-271 Q         |
| BOURNIA, A       | 8003050169       | 50-373 F         | BROEHL, D J    | 8003260639       | 50-344 P         | BRUNNER, E J  | 8003190289       | 50-247 Q         |
| BOURNIA, A       | 8003170140       | 50-373 F         | BROENBON, F L  | 8003060474       | PR               | BRUSVEN, A D  | 8003240361       | 50-263 I         |
| BOURNIA, A       | 8003240631       | 50-373 A         | BROOKS, J      | 8003060505*      | MISC             | BRYAN, K      | 8003040018*      | 50-483 Q         |
| BOWDEN, D D      | 8003250278       | NUREQ            | BROSS, I D     | 8003110587       | 50-320 P         | BRYAN, J K    | 8003110623       | 50-483 A         |
| BOWERS, J        | 8003140288       | 50-289 Q         | BROWN, D M     | 8003050037*      | 50-289 Q         | BRYANT, J C   | 8003190598       | 50-250 Q         |
| BOWERS, J        | 8003140291*      | 50-289 Q         | BROWN, H H     | 8003280028       | 50-275 Q         | BRYANT, J C   | 8003060728*      | 50-416 Q         |
| BOWERS, J        | 8003140293*      | 50-289 Q         | BROWN, C O     | 8003130704       | 70-1257          | BRYANT, J C   | 8003190601*      | 50-553 Q         |
| BOWERS, J        | 8003140297*      | 50-289 Q         | BROWN, D       | 8003190371*      | FOIA             | BRYANT, J C   | 8003190627       | 50-327 Q         |
| BOWERS, J        | 8003140302*      | 50-289 Q         | BROWN, H H     | 8003280028       | 50-275 Q         | BRYANT, J C   | 8003190634       | 50-390 Q         |
| BOWERS, C E      | 8003050202       | 70-820           | BROWN, W J     | 8003140153       | PR               | BRYANT, J C   | 8003190564       | 50-438 Q         |
| BOWERS, C E      | 8003140131       | 70-820           | BROWN, H H     | 8003140460*      | CONTRACT         | BRYANT, J C   | 8003190706*      | 50-390 Q         |
| BOWERS, C E      | 8003310200       | 70-820           | BROWN, Q F     | 8003130511       | PR               | BRYANT, J C   | 8003270049*      | 50-269 Q         |
| BOWERS, E S      | 8003040324       | 50-488 Q         | BROWNRRQ, D L  | 8003050221*      | 50-133 R         | BRYANT, J C   | 8003190575       | 50-438 Q         |
| BOWERS, E        | 8003140300       | 50-312 T         | BROWNRIGG, D L | 8003050238*      | 50-133 R         | BRYANT, J C   | 8003190127*      | 50-583 Q         |
| BOWERS, E S      | 8003110274       | 50-312 T         | BROWN, D H     | 8003180508*      | 50-346 S         | BRYANT, J C   | 8003270201*      | 50-400 Q         |
| BOWERS, E S      | 8003100236       | 50-312 T         | BROWN, S C     | 8003040268       | 50-404 F         | BRYANT, J C   | 8003280379*      | 50-413 Q         |
| BOWERS, E S      | 8003180092       | 50-322 Q         | BROWN, S C     | 8003120349       | 50-339 S         | BRYANT, J C   | 8003050341       | 50-348 Q         |
| BOWERS, E S      | 8003190913*      | 50-322 Q         | BROWN, S C     | 8003240511       | 50-339 S         | BRYANT, J C   | 8003060244*      | 50-269 Q         |
| BOWERS, E        | 8003120592       | 50-312 T         | BROWN, B C     | 8003120477       | 50-404 Q         | BRYANT, J C   | 8003190823*      | 50-416 Q         |
| BOWERS, E S      | 8003250171       | 50-250 Q         | BROWN, S C     | 8003240297       | 50-404 Q         | BRYANT, J C   | 8003270301*      | 50-261 Q         |
| BOWERS, E S      | 8003250173       | 50-445 Q         | BROWN, S C     | 8003120598       | 50-339 S         | BRYANT, J C   | 8003190656*      | 50-400 Q         |
| BOWERS, E S      | 8003270008       | 50-250 Q         | BROWN, S C     | 8003180603       | 50-339 A         | BRYANT, J C   | 8003050325       | 50-338 Q         |
| BOWERS, E S      | 8003260210       | 50-322 Q         | BROWN, S C     | 8003190520       | 50-339 S         | BRYANT, J C   | 8003050277       | 50-269 Q         |
| BOWERS, E S      | 8003310268       | 50-445 Q         | BROWN, R A     | 8003240287*      | 27-47            | BRYANT, J C   | 8003050285       | 50-390 Q         |
| BOWMAN, M S      | 8003210117*      | 50-3 Q           | BROWN, R A     | 8003210581*      | 27-47            | BRYANT, J C   | 8003050291       | 50-318 Q         |
| BOYD, D C        | 8003190217       | 50-316 S         | BROWNLEE, V L  | 8003050297*      | 50-518 Q         | BRYANT, J C   | 8003190750       | 50-281 Q         |
| BOYD, D C        | 8003130643       | 50-316 S         | BROWNLEE, V L  | 8003120740*      | 50-280 Q         | BRYANT, J C   | 8003210419*      | 50-389 Q         |
| BOYD, R S        | 8003050236*      | 50-275 A         | BROWN, R A     | 8003190238*      | 50-269 Q         | BRYANT, J C   | 8003140009       | 50-328 Q         |
| BOYER, L M H     | 8003180641       | RES              | BROWN, C H     | 8003280111*      | 50-186 Q         | BRYANT, J C   | 8003190777*      | 50-518 Q         |
| BOYLE, E L       | 8003110283*      | COMMISSION       | BROWN, C H     | 8003250006       | 50-2 S           | BRYANT, J C   | 8003190871*      | 50-518 Q         |
| BRACKEBUSCH, L L | 8003070299       | REG00            | BROWN, R A     | 8003310452*      | 50-254 Q         | BRYANT, J C   | 8003140365       | 50-518 Q         |
| BRADFORD, W H    | 8003250230*      | 50-348 Q         | BROWN, Q D     | 8003280624*      | 40-8452          | BRYANT, J C   | 8003190255       | 50-390 Q         |
| BRADFORD, W H    | 8003140163*      | 50-348 Q         | BROWN, Q D     | 8003280609*      | 40-8452          | BRYANT, J C   | 8003190340       | 50-518 Q         |
| BRADFORD, P A    | 8003060411*      | FOIA             | BROWN, Q D     | 8003280584       | 40-8452          | BRYANT, J C   | 8003190368       | 50-416 Q         |
| BRADLEY, J P     | 8003240488       | PR               | BROWN, R L     | 8003110076*      | 04999            | BRYANT, J C   | 8003190612       | 50-566 Q         |
| BRADLEY, B       | 8003120710       | 50-574 U         | BROWN, J M     | 8003190674*      | FOIA             | BRYANT, J C   | 8003190616       | 50-250 Q         |
| BRADLEY, B       | 8003060563*      | MISC             | BROWN, J M     | 8003190689*      | FOIA             | BRYANT, J C   | 8003190738       | 50-518 Q         |
| BRADLEY, E J     | 8003120471       | 50-352 A         | BROWNING, R E  | 8003180190*      | 50-320 P         | BRYANT, J C   | 8003210030*      | 50-389 Q         |
| BRADLEY, E J     | 8003100207       | 50-277 P         | BROZ, R E      | 8003250603       | 70-784           | BRYANT, J C   | 8003210296*      | 50-413 Q         |
| BRADLEY, E J     | 8003100211*      | 50-277 P         | BRUGER, R M    | 8003170106       | PR               | BRYANT, J C   | 8003060217*      | 50-491 Q         |
| BRADLEY, E J     | 8003120567       | 50-277 I         | BRUGGE, R O    | 8003310180       | TOPREP           | BRYANT, J C   | 8003210015       | 50-327 Q         |
| BRADLEY, E J     | 8003170414       | 50-277 P         | BRUGGE, R O    | 8003100213*      | 50-277 P         | BRYANT, J C   | 8003210024       | 50-389 Q         |
| BRADLEY, E J     | 8003250490       | 50-277 P         | BRUNNER, E J   | 8003190448       | 50-272 S         | BRYANT, J C   | 8003210059       | 50-261 Q         |
| BRADLEY, E J     | 8003250548*      | 50-277 P         | BRUNNER, E     | 8003190442       | 50-293 S         | BRYANT, J C   | 8003310381       | 50-438 Q         |
| BRADLEY, E R     | 8003310101*      | FOIA             | BRUNNER, E. J. | 8003180068       | 50-317 S         | BRYANT, J C   | 8003250026       | 50-491 Q         |
| BRADLEY, R T     | 8003250278       | NUREQ            | BRUNNER, E. J. | 8003100136       | 50-317 S         | BRYANT, J C   | 8003250097       | 50-390 Q         |
| BRADLEY, R D     | 8003180139       | 50-400 S         | BRUNNER, E J   | 8003100172       | 50-219 S         | BRYANT, J C   | 8003310086*      | 50-321 Q         |
| BRADY, R J       | 8003050135*      | 10CFR            | BRUNNER, E     | 8003190172       | 50-278 S         | BRYANT, J C   | 8003280664       | 50-324 Q         |
| BRAEHLER, T F    | 8003190402       | PR               | BRUNNER, E     | 8003190425       | 50-29 S          | BRYANT, J C   | 8003190591       | 50-583 Q         |
| BRAMLETT, L S    | 8003180384*      | 50-313 S         | BRUNNER, E J   | 8003190185       | 50-309 S         | BRYANT, J C   | 8003190940*      | 50-413 Q         |
| BRAMLETT, L S    | 8003180501*      | 50-313 R         | BRUNNER, E J   | 8003100137       | 50-309 S         | BRYANT, J C   | 8003060713       | 50-416 Q         |
| BRANDENBURG, B   | 8003170379       | 50-3 Q           | BRUNNER, E J   | 8003170195       | 50-29 S          | BRYANT, J C   | 8003190110       | 50-583 Q         |
| BRANDIMORE, S A  | 8003270367       | 50-302 J         | BRUNNER, E J   | 8003190233       | 50-272 S         | BRYANT, J C   | 8003190115       | 50-269 Q         |
| BRANDIMORE, S A  | 8003270390       | 50-302 J         | BRUNNER, E J   | 8003280526       | 50-286 S         | BRYANT, J C   | 8003310369*      | 50-424 Q         |
| BRAY, A P        | 8003170291       | TOPREP           | BRUNNER, E J   | 8003030005*      | 50-317 Q         | BRYANT, J C   | 8003190643       | 50-400 Q         |
| REDEHOEFT, J D.  | 8003110048       | PR               | BRUNNER, E J   | 8003060308*      | 50-317 Q         | BRYANT, J C   | 8003190699       | 50-390 Q         |
| BRETZ, P L       | 8003240376       | REG00            | BRUNNER, E J   | 8003050105*      | 50-245 Q         | BRYANT, J C   | 8003210111       | 50-389 Q         |
| BRIGGS, A K      | 8003260641       | 50-466 A         | BRUNNER, E J   | 8003040038*      | 50-272 Q         | BRYANT, J C   | 8003190736       | 50-518 Q         |
| BRIGGS, L        | 8003260405*      | 50-219 Q         | BRUNNER, E J   | 8003050072       | 50-387 Q         | BRYANT, J C   | 8003190857       | 50-518 Q         |
| BRIGHAM, S       | 8003190427*      | 50-320 Q         | BRUNNER, E J   | 8003060280       | 50-272 Q         | BRYANT, J C   | 8003280362       | 50-413 Q         |
| BRIGHT, R M      | 8003240300       | 50-302 Q         | BRUNNER, E J   | 8003050054       | 50-317 Q         | BRYANT, J C   | 8003190810       | 50-416 Q         |
| BRIGHT, R M      | 8003130551       | 50-302 P         | BRUNNER, E J   | 8003050023       | 50-271 Q         | BRYANT, J C   | 8003270288       | 50-261 Q         |
| BRIGHT, R M      | 8003180362       | 50-302 P         | BRUNNER, E J   | 8003060496       | 50-317 Q         | BRYANT, J C   | 8003310014       | 50-424 Q         |
| BRIGHT, R M      | 8003190533       | 50-302 R         | BRUNNER, E J   | 8003190401*      | 50-293 Q         | BUCHHOLZ, R H | 8003030214       | TOPREP           |
| BRIGHT, R M      | 8003200382       | 50-302 P         | BRUNNER, E J   | 8003190222*      | 50-245 Q         | BUCHHOLZ, R H | 8003060611       | TOPREP           |
| BRIGHT, R M      | 8003280271       | 50-302 P         | BRUNNER, E J   | 8003190300*      | 50-247 Q         | BUCHHOLZ, R H | 8003060548       | TOPREP           |
| BRIGHT, R M      | 8003240391       | 50-302 P         | BRUNNER, E J   | 8003060270       | 50-317 Q         | BUCHHOLZ, R H | 8003270420       | TOPREP           |
| BRISTOL, D C     | 8003040669       | XPORTLIC         | BRUNNER, E J   | 8003050085       | 50-245 Q         | BUCHHOLZ, R H | 8003170356       | TOPREP           |
| BRISTOL, D C     | 8003040672*      | XPORTLIC         | BRUNNER, E J   | 8003190894       | 50-387 Q         | BUCHHOLZ, R H | 8003070244       | TOPREP           |
| BRISTOL, D C     | 8003310181       | XPORTLIC         | BRUNNER, E J   | 8003190875       | 50-29 Q          | BUCHHOLZ, R H | 8003180337       | TOPREP           |
| BRISTOL, D C     | 8003310176       | XPORTLIC         | BRUNNER, E J   | 8003190853       | 50-245 Q         | BUCHHOLZ, R H | 8003180464       | TOPREP           |
| BROCKETT, T.     | 8003050376       | I&E              | BRUNNER, E J   | 8003190863       | 50-271 Q         | BUCHHOLZ, R H | 8003240318       | TOPREP           |
| BROCKETT, T.     | 8003170163       | 50-293 S         | BRUNNER, E J   | 8003190890       | 50-244 Q         | BUCHHOLZ, R H | 8003050328       | TOPREP           |
| BROCKETT, T. W   | 8003170171       | 50-344 B         | BRUNNER, E J   | 8003190906       | 50-333 Q         | BUCK, J H     | 8003310238       | 50-275 Q         |
| BROCKETT, T.     | 8003050380       | I&E              | BRUNNER, E J   | 8003190363       | 50-29 Q          | BUCKLEY, B L  | 8003040168       | 50-275 A         |
| BRODKEY, D D     | 8003250354       | 50-358 Q         | BRUNNER, E J   | 8003260334       | 50-271 Q         | BUCKLEY, B L  | 8003260297       | 50-275 A         |
| BRODKEY, D D     | 8003280033       | 50-338 Q         | BRUNNER, E J   | 8003280265*      | 50-334 Q         | BUDNITZ, R J. | 8003240266       | COMMISSION       |
| BRODSKY, R L     | 8003240066*      | 50-3 Q           | BRUNNER, E J   | 8003280267*      | 50-334 Q         | BUKHEAD, S J  | 8003240495       | 50-586 H         |

## PERSONAL AUTHOR INDEX

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|
| BUNCE, J       | 8003200018       | WASTE MGT        | CAPHTON, D L      | 8003050079*      | 50-387 Q         | CARTNRIGHT, W R | 8003310307*      | 50-338 B         |
| BURCHETT, R R  | 8003200364       | NUREG            | CAPHTON, D L      | 8003050060*      | 50-317 Q         | CASARELLA, M J  | 8003140070*      | 50-77 Q          |
| BURDETTE, T E  | 8003110434*      | 50-395 Q         | CAPHTON, D L      | 8003190870*      | 50-271 Q         | CASCIATO, P A   | 8002210266       | PR               |
| BURDETTE, T E  | 8003210125*      | 50-389 Q         | CAPHTON, D L      | 8003190902*      | 50-387 Q         | CASEY, S B      | 8003200255       | PR               |
| BURGESS, D     | 8003050507       | 50-320 H         | CAPHTON, D L      | 8003280279*      | 50-334 Q         | CASEY, S B      | 8003200305*      | PR               |
| BURKE, D J.    | 8003190852*      | 50-280 Q         | CAPOWSKI, J J     | 8003260506       | 50-320 Q         | CATANIA, J V    | 8003190854*      | 70-1201          |
| BURKHARDT, W   | 8003260144       | 70-1237          | CAPRA, R A        | 8003040309       | TOPREP           | CATCHPOLE, Q J  | 8003060028       | 40-8745          |
| BURKHARDT, W   | 8003070126       | 70-25            | CAPRA, R A        | 8003310133       | 50-269 P         | CATCHPOLE, Q J  | 8003240134       | 40-8693          |
| BURKHARDT, W   | 8003040170       | 70-133           | CAPRA, R A        | 8003100021       | 50-269 P         | CATCHPOLE, Q J  | 8003050604       | 40-8745          |
| BURKHARDT, W   | 8003200111       | 70-754           | CAPRA, R A        | 8003190429       | 50-269 P         | CAVANAUGH, W    | 8003100051       | 50-368 P         |
| BURKHARDT, W   | 8003070172*      | 70-8             | CAPRA, R A        | 8003190016       | 50-312 P         | CAVANAUGH, W    | 8003260398       | 50-313 F         |
| BURKHARDT, W   | 8003240308       | 70-8             | CAPRA, R A        | 8003190716       | 50-269 Q         | CAVANAUGH, W    | 8003200478       | 50-313 P         |
| BURKHARDT, W   | 8003270054       | 70-133           | CAPRA, R A        | 8003310004*      | 50-312 T         | CAYOT, R F      | 8003050221*      | 50-133 R         |
| BURKHARDT, W   | 8003240585       | 70-364           | CAPRA, R A        | 8003270119*      | 50-312 T         | CECHOWSKI, S    | 8003050228*      | 50-133 R         |
| BURKS, N C     | 8003280148       | 40-4472          | CARBON, M W       | 8003040336       | NUREG            | CECHOWSKI, S    | 8003280318*      | 50-289 H         |
| BURNETT, R F   | 8003040295       | 70-1143          | CAREY, W W        | 8003310372       | 50-271 I         | CERNE, A C      | 8003050652*      | 50-423 Q         |
| BURSTEIN, S    | 8003260372       | 50-266 P         | CAREY, J E        | 8003310376*      | 50-424 Q         | CERNE, A C      | 8003190709*      | 50-423 Q         |
| BURSTEIN, S    | 8003310105*      | 50-266 H         | CARLSON, R T      | 8003040077*      | 50-412 Q         | CHAHANIA, F D   | 8003250373       | 50-445 H         |
| BURTT, J D     | 8003130289*      | PROJ             | CARLSON, R T      | 8003030100       | 50-322 Q         | CHAKRABORTY, S  | 8003040319*      | TOPREP           |
| BURWELL, S B   | 8003250496       | 50-445 A         | CARLSON, R T      | 8003050034       | 50-322 Q         | CHAHANIA, F D   | 8003270513       | 50-445 H         |
| BURWELL, S B   | 8003210094       | 50-445 A         | CARLSON, R T      | 8003050648       | 50-423 Q         | CHAN, T         | 8003110044       | PR               |
| BURWELL, S B   | 8003310242       | 50-445 F         | CARLSON, R T      | 8003060329       | 50-423 Q         | CHAN, C K       | 8003250270       | NUREG            |
| BUSCHBACH, T C | 8003250174       | NUREG            | CARLSON, R T      | 8003280276*      | 50-412 Q         | CHAN, T         | 8003180281       | PR               |
| BUSCH, R W     | 8003140259       | 50-522 Q         | CARLSON, R T      | 8003060346       | 50-387 S         | CHANANIAN, F D  | 8003240540       | 50-445 H         |
| BUSHYHEAD, D Y | 8003140139*      | 50-556 Q         | CARLSON, R T      | 8003060337       | 50-387 S         | CHANANIAN, F D  | 8003250483       | 50-445 H         |
| BUTCHER, E J   | 8003130114       | CONTRACT         | CARLSON, R T      | 8003070170       | 50-410 S         | CHANANIAN, F D  | 8003030072       | 50-445 H         |
| BUYUKHICIT, C  | 8003240179       | 71-376           | CARLSON, R T      | 8003060175       | 50-410 S         | CHANANIAN, F D  | 8003030129       | 50-445 H         |
| BYRD, H F      | 8003260114*      | FOIA             | CARLSON, R T      | 8003190705       | 50-423 Q         | CHANANIAN, F D  | 8003030095       | 50-445 H         |
| BYRNE, S T     | 8003180183*      | 50-285 P         | CARLSON, R T      | 8003190916       | 50-387 Q         | CHANANIAN, F D  | 8003040667       | 50-445 H         |
| CABA, E        | 8003130467*      | 50-346 R         | CARLSON, R T      | 8003060165       | 50-410 S         | CHANANIAN, F D  | 8003100062       | 50-445 H         |
| CAHILL, W J.   | 8003040307       | 50-247 Q         | CARLSON, R T      | 8003300026       | 50-322 Q         | CHANANIAN, F D  | 8003190628       | 50-445 H         |
| CAHILL, W J.   | 8003190294*      | 50-247 Q         | CARLSON, R T      | 8003040030       | 50-354 S         | CHANANIAN, F D  | 8003190919       | 50-445 H         |
| CAHILL, W J.   | 8003130357*      | 50-247 P         | CARLSON, R T      | 8003290389       | 50-482 S         | CHANANIAN, F D  | 8003310064       | 50-445 H         |
| CAHILL, W J.   | 8003030520       | 50-247 Q         | CARLSON, R T      | 8003060199       | 50-355 S         | CHANANIAN, F D  | 8003250404       | 50-445 H         |
| CAHILL, W J.   | 8003050237       | 50-3 R           | CARLSON, R T      | 8003260414       | 50-387 S         | CHANANIAN, F D  | 8003310032       | 50-445 H         |
| CAHILL, W J.   | 8003170168       | 50-3 F           | CARLSON, R T      | 8003280152       | 50-354 Q         | CHANDRASEKHARAN | 8003040807*      | 50-260 R         |
| CAHILL, W J.   | 8003170316       | 50-247 P         | CARLSON, R T      | 8003280208       | 50-412 Q         | CHANDRASEKHARAN | 8003050477*      | 50-344 R         |
| CAHILL, W J.   | 8003180470       | 50-3 R           | CARLSON, R T      | 8003040070       | 50-412 Q         | CHANDRASEKHARAN | 8003110586*      | 50-344 R         |
| CAHILL, W J.   | 8003180503       | 50-247 R         | CARLSON, R T      | 8003060234       | 50-354 S         | CHANDLER, L J   | 8003100023       | 50-320 Q         |
| CAHILL, W J.   | 8003180558       | 50-247 P         | CARLSON, R T      | 8003060019       | 50-387 S         | CHANDLER, L J   | 8003190309*      | 50-445 Q         |
| CAHILL, W J.   | 8003240529       | 50-3 R           | CARLSON, R T      | 8003060062       | 50-387 S         | CHANDLER, L J   | 8003040712*      | 50-445 Q         |
| CAHILL, W J.   | 8003250506       | 50-3 R           | CARLSON, R T      | 8003280283       | 50-412 Q         | CHANDLER, L J   | 8003050140       | 50-361 Q         |
| CAHILL, W J.   | 8003250484       | 50-247 P         | CARLSON, J D      | 8003060623*      | 50-397 Q         | CHANDLER, L J   | 8003080117       | 50-320 H         |
| CAHN, A L      | 8003240603       | RECORD           | CARR, H           | 8003060446*      | 50-288 Q         | CHANDLER, L J   | 8003250316       | 50-361 Q         |
| CALIN, J.      | 8003280648       | WASTE MGT        | CARR, H           | 8003250252       | PR               | CHANDLER, L J   | 8003170128       | 50-320 Q         |
| CALHOUN, J R   | 8003060074       | 71-6144          | CARR, S E         | 8003190290*      | CONTRACT         | CHAPLIN, S D    | 8003110575*      | 50-320 S         |
| CALHOUN, J R   | 8003120371       | 71-6206          | CARR, A V         | 8003130218*      | 50-344 Q         | CHAPLIN, S D    | 8003110679*      | 50-320 S         |
| CALHOUN, J R   | 8003040592       | 50-296 S         | CARREL, M B       | 8003280315*      | 50-289 H         | CHAPLIN, S D    | 8003110586*      | 50-320 S         |
| CALHOUN, J R   | 8003040607       | 50-259 S         | CARRICK, J        | 8003170180       | 50-294 R         | CHAPLIN, S D    | 8003180556*      | 50-320 S         |
| CALHOUN, J R   | 8003050450       | 50-259 S         | CARRIER, W B      | 8003310236       | 40-2061          | CHAPLIN, S D    | 8003250560*      | 50-320 S         |
| CALHOUN, J R   | 8003070355       | 50-260 S         | CARROLL, J T      | 8003170058       | 50-219 S         | CHAPLIN, S D    | 8003250568*      | 50-320 S         |
| CALHOUN, J R   | 8003070372       | 50-260 S         | CARROLL, J T      | 8003170330       | 50-219 S         | CHAPLIN, S D    | 8003250494*      | 50-320 S         |
| CALHOUN, J R   | 8003110678       | 50-296 S         | CARROLL, J T.     | 8003170324       | 50-219 S         | CHAPLIN, S D    | 8003310284*      | 50-320 S         |
| CALHOUN, J R   | 8003120415       | 50-259 S         | CARROLL, D E      | 8003110264       | DRQ              | CHAPMAN, L D    | 8003310155       | RES              |
| CALHOUN, J R   | 8003110621       | 50-260 S         | CARROLL, D E      | 8003110270       | 50-10 Q          | CHARNOFF, Q     | 8003030501       | 50-266 Q         |
| CALHOUN, J R   | 8003170460       | 50-259 S         | CARROLL, D E      | 8003120629       | DRQ              | CHARNOFF, Q     | 8003030526       | 50-266 Q         |
| CALHOUN, J R   | 8003170480       | 50-259 S         | CARROLL, D E      | 8003120075       | 50-10 Q          | CHARNOFF, Q     | 8003030536       | 50-266 Q         |
| CALHOUN, J R   | 8003180527       | 50-260 S         | CARROLL, D E      | 8003140148       | 50-10 Q          | CHARNOFF, Q     | 8003060468       | 50-266 P         |
| CALHOUN, J R.  | 8003180531       | 50-260 S         | CARROLL, D E.     | 8003140149       | DRQ              | CHASE, D H      | 8003270046       | 50-574 Q         |
| CALHOUN, J R   | 8003180594       | 50-259 S         | CARROLL, D E      | 8003190052       | DRQ              | CHASE, Q R      | 8003280602*      | 40-8482          |
| CALHOUN, J R   | 8003180537       | 50-260 S         | CARROLL, D E      | 8003190067       | 50-10 Q          | CHASE, J. W     | 8003250179*      | 50-259 Q         |
| CALHOUN, J R   | 8003180537       | 50-296 S         | CARROLL, D E.     | 8003190297       | DRQ              | CHAU, H         | 8003050501       | TOPREP           |
| CALHOUN, J R   | 8003180541       | 50-259 S         | CARROLL, D E      | 8003190301       | 50-10 P          | CHEATUM, E L    | 8003250209       | 50-466 Q         |
| CALHOUN, J R   | 8003180610       | 50-259 S         | CARROLL, D E      | 8003120596       | DRQ              | CHEERN, W S     | 8003120623       | RES              |
| CALHOUN, J R   | 8003180611       | 50-259 S         | CARROLL, D E      | 8003140410       | 50-10 Q          | CHERRY, M M     | 8003310197       | 50-454 Q         |
| CALHOUN, J R.  | 8003200461       | 50-327 S         | CARROLL, D E.     | 8003120260       | DRQ              | CHEUNG, Y L     | 8003200350       | NUREG            |
| CALHOUN, J R   | 8003210535       | 50-260 S         | CARROLL, D E      | 8003120262       | 50-10 Q          | CHIANG, I. N J  | 8003030612       | 50-400 A         |
| CALHOUN, J R.  | 8003260566       | 50-260 S         | CARROLL, D E.     | 8003140301       | 50-10 Q          | CHIANG, I. N J. | 8003110619       | 50-400 S         |
| CAMPBELL, T E  | 8002130572*      | TOPREP           | CARROLL, D E.     | 8003140303       | DRQ              | CHIANG, I. N J  | 8003110624       | 50-400 S         |
| CAMPBELL, T E  | 8003120411       | 70-1029          | CARROLL, D E      | 8003180014       | 50-10 Q          | CHILDB, W V.    | 8003210452*      | 50-333 S         |
|                |                  | HIBC             | CARROLL, D E      | 8003260501       | DRQ              | CHILDB, W V     | 8003240458*      | 50-333 S         |
|                |                  | 50-312 Q         | CARTER, K W       | 8003050629*      | 50-289 Q         | CHILK, S J      | 8003060386*      | FOIA             |
|                |                  | 50-312 Q         | CARTER, K W       | 8003050614       | 50-289 Q         | CHILK, S J.     | 8003200467*      | 50-443 Q         |
|                |                  | 50-518 Q         | CARTER, K W       | 8003240006       | 50-289 Q         | CHILK, S J      | 8003060383*      | 50-546 U         |
|                |                  | 50-390 Q         | CARTER, R S.      | 8003280242       | 50-184 P         | CHILK, S J.     | 8003190061*      | 10CFR            |
|                |                  | 50-395 Q         | CARTWRIGHT, W. R. | 8003040629*      | 50-338 S         | CHILK, S J.     | 8003190056       | 10CFR            |
|                |                  | 50-327 Q         | CARTWRIGHT, W. R. | 8003040634*      | 50-338 S         | CHILK, S J.     | 8003060414*      | FOIA             |
|                |                  | 50-390 Q         | CARTWRIGHT, W. R. | 8003060585*      | 50-338 S         | CHILK, S J      | 8003130386*      | 10CFR            |
|                |                  | 50-553 Q         | CARTWRIGHT, W. R. | 8003110036*      | 50-338 S         | CHILK, S J.     | 8003130378       | 10CFR            |
|                |                  | 50-390 Q         | CARTWRIGHT, W. R. | 8003140393*      | 50-338 S         | CHILK, S J.     | 8003200482*      | 50-443 Q         |
|                |                  | 50-518 Q         | CARTWRIGHT, W. R. | 8003170375*      | 50-338 S         | CHILK, S J      | 8003110425*      | 10CFR            |
|                |                  | 50-438 Q         | CARTWRIGHT, W. R. | 8003180590*      | 50-338 S         | CHILK, S. J.    | 8003140195       | PR               |
|                |                  | 50-320 T         | CARTWRIGHT, W. R. | 8003210461*      | 50-338 S         | CHILK, S. J.    | 8003170084*      | 10CFR            |
|                |                  | 50-243 Q         | CARTWRIGHT, W. R. | 8003240468*      | 50-338 S         | CHILK, S. J     | 8003110238       | NUREG            |
|                |                  | 50-317 Q         | CARTWRIGHT, W. R. | 8003240473*      | 50-338 S         | CHILK, S. J     | 8003110281       | 10CFR            |

# PERSONAL AUTHOR INDEX

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|----------------|------------------|------------------|------------------|------------------|------------------|
| CHILK, S J       | 8003110296       | 50-320 O         | CLAYTON, F L   | 8003100187       | 50-348 K         | COLOMBO, P       | 8003030221       | NUR              |
| CHILK, S J       | 8003110310       | 50-320 O         | CLAYTON, F L   | 8003180427       | 50-348 R         | COLOMBO, P       | 8003040333       | NUR              |
| CHILK, S J       | 8003110423       | 10CFR            | CLAYTON, F L   | 8003180599       | 50-348 R         | COLOMBO, P       | 8003040254       | NUR              |
| CHILK, S J       | 8003170081       | 10CFR            | CLAYTON, F L   | 8003180529       | 50-364 A         | COLOMBO, P       | 8003200316       | NUR              |
| CHILK, S J       | 8003050240       | 10CFR            | CLAYTON, F L   | 8003190459       | 50-348 R         | COLOMBO, P       | 8003200328       | NUR              |
| CHILK, S J       | 8003170015       | 10CFR            | CLAYTON, F L   | 8003190536       | 50-364 Q         | COLON, T E       | 8003190888       | 50-              |
| CHILK, S J       | 8003170024       | 10CFR            | CLAYTON, F L   | 8003240506       | 50-348 S         | COLTON, E        | 8003280178       | XFO              |
| CHILK, S J       | 8003110067       | 10CFR            | CLAYTON, F L   | 8003240541       | 50-364 A         | COLUMBO, R W     | 8003260594       | 50-              |
| CHILK, S J       | 8003120127       | 10CFR            | CLAYTON, F L   | 8003260556       | 50-348 P         | COLVILLE, J      | 8003130103       | 50-              |
| CHILK, S J       | 8003170022       | 10CFR            | CLAYTON, F L   | 8003240285       | 50-364 A         | COLVILLE, J      | 8003130111       | 50-              |
| CHILK, S J       | 8003110114       | 10CFR            | CLAYTON, F L   | 8003240427       | 50-364 A         | COMANOR, P       | 8003240609       | 40-              |
| CHILK, S J       | 8003170008       | 10CFR            | CLAYTON, F L   | 8003200641       | 50-348 P         | COMBATLAD, E     | 8003040674       | 50-              |
| CHILK, S J       | 8003030012       | FOIA             | CLAYTON, F L   | 8003250514       | 50-348 P         | COMBS, F         | 8003190339       | FOI              |
| CHILK, S J       | 8003120216       | 10CFR            | CLAYTON, F L   | 8003130371       | 50-348 S         | COMPTON, R H     | 8003270260       | 50-              |
| CHILK, S J       | 8003130050       | 50-272 O         | CLAYTON, F L   | 8003180596       | 50-348 P         | CONEL, F. J      | 8003110309       | NUR              |
| CHILK, S J       | 8003110144       | NUREG            | CLEETON, A R   | 8003190040       | 50-471 O         | CONEL, F. J      | 7909070562       | 50-              |
| CHILK, S J       | 8003050244       | 10CFR            | CLEMENTE, C J  | 8003180502       | 50-201 P         | CONLON, T E      | 8003210325       | 50-              |
| CHILK, S J       | 8003050231       | 10CFR            | CLEMENTSON, F  | 8003040668       | 50-344 O         | CONLON, T E      | 8003110026       | 50-              |
| CHILK, S J       | 8003110132       | REG00            | CLEMENTSON, F  | 8003040677       | 50-344 O         | CONLON, T E      | 8003250074       | 50-              |
| CHILK, S J       | 8003120229       | 10CFR            | CLEMENTSON, F  | 8003250309       | 50-344 O         | CONLON, T E      | 8003120246       | 50-              |
| CHILK, S J       | 8003120241       | 10CFR            | CLEMENTSON, F  | 7908020183       | HISC             | CONLON, T E      | 8003190721       | 50-              |
| CHILK, S J       | 8003070020       | 50-443 O         | CLEMENTS, W L  | 8003240182       | 50-266 P         | CONLON, T E      | 8003190333       | 50-              |
| CHILK, S J       | 8003070335       | 50-466 O         | CLEVELAND, N B | 8003130344       | QA999            | CONLON, T E      | 8003190618       | 50-              |
| CHILK, S J       | 8003070187       | 70-2623 O        | CLIAKAKIS, B   | 7909070569       | 50-320 H         | CONLON, T E      | 8003270317       | 50-              |
| CHILK, S J       | 8003070019       | 50-443 O         | COCHRAN, T B   | 8003050310       | 70-143           | CONLON, T E      | 8003190676       | 50-              |
| CHILK, S J       | 8003070023       | 50-280 O         | COCHRAN, T B   | 8003050315       | 70-143           | CONLON, T E      | 8003050297       | 50-              |
| CHILK, S J       | 8003070329       | 50-346 H         | COCHRAN, T B   | 8003060353       | FOIA             | CONLON, T E      | 8003140016       | 50-              |
| CHILK, S J       | 8003170011       | 50-331 O         | COCHRAN, T B   | 8003120170       | 70-143           | CONLON, T E      | 8003190618       | 50-              |
| CHILK, S J       | 8003140175       | 50-275 O         | COGGIN, C L    | 8003040572       | 50-321 S         | CONLON, T E      | 8003210261       | 50-              |
| CHILK, S J       | 8003140183       | 50-289 O         | COGGIN, C L    | 8003040555       | 50-366 S         | CONLON, T E      | 8003310091       | 50-              |
| CHILK, S J       | 8003200094       | 50-482 O         | COGGIN, C L    | 8003110618       | 50-321 R         | CORNER, T B      | 8003040662       | 50-              |
| CHILK, S J       | 8003280291       | 50-522 O         | COGGIN, C L    | 8003210455       | 50-321 S         | CORNER, T B      | 8003050153       | 50-              |
| CHILK, S J       | 8003260244       | 50-272 O         | COGGIN, C L    | 8003210438       | 50-366 S         | CORNER, T B      | 8003170446       | 50-              |
| CHILK, S J       | 8003280043       | 50-275 O         | COGGIN, C L    | 8003260555       | 50-321 S         | CORNER, T B      | 8003050153       | 50-              |
| CHILK, S J       | 8003280135       | 50-546 O         | COGGIN, C L    | 8003280397       | 50-366 S         | CONNELL, C       | 8003180401       | 50-              |
| CHILK, S J       | 8003200131       | 50-482 O         | COHEN, D.      | 8003180202       | PR               | CORNER, T B      | 8003040261       | 50-              |
| CHILK, S J       | 8003310227       | 50-289 O         | COHEN, I       | 8003190382       | 70-135           | CORNER, T B      | 8003040272       | 50-              |
| CHILK, S J       | 8003310233       | 50-329 O         | COHEN, I       | 8003190285       | 70-820           | CORNER, T B      | 8003040037       | 50-              |
| CHILK, S J       | 8003270021       | 50-247 O         | COLEMAN, A C   | 8003070388       | 50-311 O         | CORNER, E L      | 8003240026       | 50-              |
| CHILK, S J       | 8003270033       | 50-389 O         | COLEMAN, E O   | 8003310633       | 50-272 O         | CORNER, E L      | 8003270208       | 50-              |
| CHILK, S J       | 8003270028       | 50-409 O         | COLL, N A      | 8003040320       | 50-250 O         | CORROR, C        | 8003190498       | 50-              |
| CHILK, S J       | 8003270055       | 50-482 O         | COLLINS, V P   | 8003100234       | PR               | CONSTATABLE, O L | 8003120717       | 50-              |
| CHILK, S J       | 8003310259       | 50-400 O         | COLLIER, G     | 8003180228       | TOPREP           | CONTE, R J       | 8003190161       | 50-              |
| CHILK, S J       | 8003310240       | 50-486 O         | COLLINS, J M   | 8003060015       | PR               | CONTE, R J       | 8003100046       | 50-              |
| CHILTON, A B     | 8003080462       | 50-181 R         | COLLINS, J T   | 8003110382       | 50-320 S         | CONTE, R J       | 8003280163       | 50-              |
| CHO, J           | 8003040292       | NUREG            | COLLINS, J T   | 8003190141       | 50-320 S         | CONTE, R J       | 8003140134       | 50-              |
| CHOULES, N C     | 8003130147       | 50-263 O         | COLLINS, J T   | 8003280143       | 50-320 S         | CONTE, R J       | 8003280147       | 50-              |
| CHOULES, N C     | 8003280245       | 50-303 O         | COLLINS, J T   | 8003140134       | 50-320 S         | CONWAY, W F      | 8003040469       | 50-              |
| CHOW, E T        | 8003280191       | 50-266 O         | COLLINS, J T   | 8003280157       | 50-320 S         | CONWAY, W F      | 8003040476       | 50-              |
| CHRISTMAN, J N.  | 8003260587       | 50-338 O         | COLLINS, J T   | 8003280147       | 50-320 S         | CONWAY, W F      | 8003060580       | 50-              |
| CHRISTENSEN, S   | 8003170334       | 50-344 Q         | COLLINS, R E   | 8003060428       | 50-267 Q         | CONWAY, W F      | 8003060556       | 50-              |
| CHRISTIAN, R C   | 8003100129       | NUREG            | COLLINS, R     | 8003280160       | 50-267 Q         | CONWAY, W F      | 8003190644       | 50-              |
| CHRISTENBURY, E  | 8003240238       | 50-400 A         | COLLINS, J T   | 8003050223       | 50-320 P         | CONWAY, W F      | 8003200294       | 50-              |
| CHRISTENBURY, E  | 8003240205       | HISC             | COLLINS, J T   | 8003050220       | 50-320 P         | CONWAY, W F      | 8003210570       | 50-              |
| CHRISTENBURY, N. | 8003060712       | 50-265 S         | COLLINS, J T   | 8003050223       | 50-320 P         | CONWAY, W F      | 8003240436       | 50-              |
| CHRISTENBURY, N. | 8003060727       | 50-265 S         | COLLINS, D H   | 8003190397       | FOIA             | COOK, N Q        | 8003110044       | PR               |
| CHRISTENBURY, N  | 8003130528       | 50-265 S         | COLLINS, J T   | 8003130125       | 50-320 P         | COOK, N Q        | 8003110033       | PR               |
| CHURCHILL, B W   | 7910310125       | 50-346 O         | COLLINS, J T   | 8003130120       | 50-320 P         | COOK, O M        | 8003200477       | PR               |
| CIEBLA, T A      | 8003190576       | 50-249 S         | COLLINS, J T   | 8003130117       | 50-320 P         | COOK, R A        | 8003040115       | 50-              |
| CIEBZKIEWICZ, S  | 8003180493       | 50-10 R          | COLLINS, J T   | 8003130328       | 50-320 P         | COOK, J M        | 8003040548       | 50-              |
| CLARK, E M       | 8003060128       | 50-289 O         | COLLINS, J T   | 8003130205       | 50-320 P         | COOK, J M        | 8003110475       | 50               |
| CLARK, M E       | 8003280406       | 50-320 H         | COLLINS, J T   | 8003130227       | 50-320 P         | COOK, J          | 8003130503       | 50               |
| CLARK, D R       | 8003310050       | 50-320 H         | COLLINS, J T   | 8003130303       | 50-320 P         | COOK, Q W        | 8003180281       | PR               |
| CLARK, L         | 8003180341       | 50-20 P          | COLLINS, J T   | 8003130309       | 50-320 P         | COOK, N Q W      | 8003180237       | PR               |
| CLARK, L         | 8003180577       | 50-20 P          | COLLINS, J T   | 8003130295       | 50-320 P         | COONEY, M J      | 8003120726       | 50               |
| CLARK, J R       | 8003200154       | 10CFR            | COLLINS, J T   | 8003130322       | 50-320 P         | COONEY, M J      | 8003120746       | 50               |
| CLARK, J R       | 8003050041       | 50-201 H         | COLLINS, J T   | 8003130316       | 50-320 P         | COONEY, M J      | 8003030463       | 50               |
| CLARK, J R       | 8003040317       | 50-201 F         | COLLINS, J T   | 8003170116       | 50-320 F         | COONEY, M J      | 8003070349       | 50               |
| CLARK, R         | 8003310441       | PROJ             | COLLINS, J T   | 8003170119       | 50-320 P         | COONEY, M J      | 8003120504       | 50               |
| CLARK, D         | 8003200410       | 50-254 S         | COLLINS, J T   | 8003130072       | 50-320 H         | COONEY, M J      | 8003180555       | 50               |
| CLARK, R J       | 8003280631       | 50-277 P         | COLLINS, J T   | 8003250273       | 50-320 P         | COONEY, M J      | 8003180567       | 50               |
| CLAY, E L        | 8003240556       | 70-1151          | COLLINS, J T   | 8003250261       | 50-320 P         | COONEY, M J      | 8003180573       | 50               |
| CLAYTON, F L     | 8003280212       | 50-348 Q         | COLLINS, J T   | 8003250284       | 50-320 P         | COONEY, M J      | 8003180582       | 50               |
| CLAYTON, F L     | 8003240072       | 50-364 G         | COLLINS, J T   | 8003310498       | 50-320 P         | COONEY, M J      | 8003180407       | 50               |
| CLAYTON, F L     | 8003050489       | 50-364 A         | COLLINS, J T   | 8003310085       | 50-320 R         | COONEY, M J      | 8003180593       | 50               |
| CLAYTON, F L     | 8003110574       | 50-348 R         | COLLINS, J T   | 8003120704       | 50-320 P         | COONEY, M J      | 8003240463       | 50               |
| CLAYTON, F L     | 8003240051       | 50-348 Q         | COLMBO, R W    | 8003040619       | 50-312 S         | COONEY, M J      | 8003180586       | 50               |
| CLAYTON, F L     | 8003050372       | 50-348 P         | COLMBO, R W    | 8003060560       | 50-312 S         | COONEY, M J      | 8003280429       | 50               |
| CLAYTON, F L     | 8003210586       | 50-348 Q         | COLMBO, R W    | 8003060587       | 50-312 S         | COONEY, M J      | 8003280432       | 50               |
| CLAYTON, F L     | 8003040315       | 50-348 R         | COLMBO, R W    | 8003110616       | 50-312 S         | COONEY, M J      | 8003310368       | 50               |
| CLAYTON, F L     | 8003050014       | 50-348 S         | COLMBO, R W    | 8003110631       | 50-312 S         | COOPER, J        | 8003040655       | 50               |
| CLAYTON, F L     | 8003050449       | 50-348 R         | COLMBO, R W    | 8003170388       | 50-312 R         | COOPER, J        | 8003240429       | 50               |
| CLAYTON, F L     | 8003120552       | 50-348 P         | COLMBO, R W    | 8003260596       | 50-312 S         | COOPER, J        | 8003260544       | 50               |
| CLAYTON, F L     | 8003240265       | 50-348 Q         | COLMBO, R W    | 8003180574       | 50-312 S         | COPELAND, J O    | 8003060046       | 50               |
| CLAYTON, F L     | 8003240020       | 50-348 Q         | COLMBO, R W    | 8003190561       | 50-312 S         | COPELAND, J O    | 8003270126       | 50               |



## PERSONAL AUTHOR INDEX

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| COPELAND, J. O. | 8003270137*      | 50-445 M         | CRATER, J.        | 8003110520       | 50-352 Q         | CUNNINGHAM, O. E. | 8003250603       | 70-754           |
| COPELAND, R. L. | 8003180331       | 50-537 A         | CRAWFORD, T. V.   | 8003250197*      | 70-754           | CUNNINGHAM, O. E. | 8003280217       | 71-9049          |
| COPELAND, R. L. | 8003310161       | 50-537 A         | CREED, J. R.      | 8003190451       | 50-282 S         | CUNNINGHAM, O. E. | 8003200413       | 71-9136          |
| CORBETT, J. S.  | 8003120377       | 71-6275          | CREWS, E. H.      | 8003240460       | 50-395 S         | CUNNINGHAM, O. E. | 8003050198       | 50-320 P         |
| CORBETT, J. S.  | 8003190152       | 71-6375          | CREWS, E. H.      | 8003240496       | 50-395 S         | CUNNINGHAM, O. E. | 8003130296*      | State Prog       |
| CORDANI, R. A.  | 8003310339       | 70-27            | CREWS, E. H.      | 8003240461       | 50-395 S         | CUNNINGHAM, M. E. | 8003310101*      | FOIA             |
| CORDANI, R. A.  | 8003310221       | 70-27            | CREWS, E. H.      | 8003140372       | 50-395 S         | CUNNINGHAM, M. E. | 8003200453       | NUREC            |
| CORRELL, M. D.  | 8003180333*      | 50-537 A         | CREWS, E. H.      | 8003030495       | 50-395 S         | CUNNINGHAM, M. E. | 8003030224       | NURCO            |
| CORNELL, C. A.  | 8003270425*      | TOPREP           | CREWS, E. H.      | 8003240188       | 50-395 S         | CUNNINGHAM, O. H. | 8003290049*      | 50-320 P         |
| CORREA, M. A.   | 8003130478       | 50-18 J          | CREWS, E. H.      | 8003030458       | 50-395 S         | CUNNINGHAM, A. L. | 8003190623*      | 50-239 Q         |
| CORREA, C.      | 8003180626       | 50-272 J         | CREWS, E. H.      | 8003030481       | 50-395 S         | CUNNINGHAM, R. E. | 8003060113       | 70-364           |
| CORREA, M. A.   | 8003110498       | 50-272 J         | CREWS, E. H.      | 8003060632       | 50-395 S         | CUNNINGHAM, R. E. | 8003050092       | 70-1143          |
| CORREA, M. A.   | 8003110659       | 50-272 J         | CREWS, E. H.      | 8003070385       | 50-395 S         | CUNNINGHAM, R. E. | 8003050114*      | 70-1143          |
| CORREA, C.      | 8003180360       | 50-346 J         | CREWS, E. H.      | 8003240367       | 50-395 S         | CUNNINGHAM, R. E. | 8003100234       | PR               |
| CORRANICO, B.   | 8003270114       | 50-312 T         | CREWS, E. H.      | 8003030202       | 50-395 K         | CURNANE, R. A.    | 8003140200*      | QA979            |
| CORRANICO, B.   | 8003310003       | 50-312 T         | CREWS, E. H.      | 8003170439       | 50-395 S         | CURRAN, J. M.     | 8003040652*      | 50-206 B         |
| CORVELL, O. P.  | 8003310266*      | 50-332 Q         | CREWS, J. H.      | 8003120663*      | 50-312 Q         | CURRAN, J. M.     | 8003180386       | 50-206 R         |
| COSTELLO, G. J. | 8003180459*      | 50-280 R         | CREWS, J. L.      | 8003280437*      | 50-206 Q         | CURRAN, J. M.     | 8003280480*      | 50-206 B         |
| COSTELLO, G. J. | 8003140227*      | QA999            | CREWS, J. L.      | 8003060618       | 50-397 Q         | CURRAN, J. M.     | 8003280427*      | 50-206 S         |
| COTTLE, W. T.   | 8003310257*      | 50-327 Q         | CREWS, J. L.      | 8003050119*      | 50-206 Q         | CURTIS, N. W.     | 8003140423*      | 50-387 P         |
| COTTLE, W. T.   | 8003190610*      | 50-327 Q         | CREWS, J. L.      | 8003060400       | 50-288 Q         | CURTIS, N. W.     | 8003140419       | 50-387 P         |
| COUQUHLIN, L.   | 8003060459*      | 50-392 U         | CREWS, J. L.      | 8003070011       | 50-212 Q         | CURTIS, N. W.     | 8003140432*      | 50-387 P         |
| COUNSIL, W. O.  | 8003170088       | PR               | CREWS, J. L.      | 8003050109       | 50-206 Q         | CURTIS, N. W.     | 8003060536       | 50-387 Q         |
| COUNSIL, W. O.  | 8003110557       | 50-213 P         | CREWS, J. L.      | 8003120652       | 50-212 Q         | CURTIS, N. W.     | 8003260423*      | 50-387 S         |
| COUNSIL, W. O.  | 8003110496       | 50-213 F         | CREWS, J. L.      | 8003280430       | 50-206 Q         | CURTIS, N. W.     | 8003040281       | 50-387 Q         |
| COUNSIL, W. O.  | 8003270343       | 50-213 Q         | CRISSTIMOS, H.    | 8003060739*      | 50-254 S         | CURTIS, N. W.     | 8003140072       | 50-387 Q         |
| COUNSIL, W. O.  | 8003110455       | 50-213 P         | CROCKER, H. W.    | 8003280643*      | 50-219 Q         | CURTIS, N. W.     | 8003060403       | 50-387 A         |
| COUNSIL, W. O.  | 8003140283       | 50-213 P         | CROCKER, H. W.    | 8003050387       | 70-135           | CURTIS, N. W.     | 8003060525       | 50-387 K         |
| COUNSIL, W. O.  | 8003170338       | 50-213 P         | CROCKER, H. W.    | 8003040026*      | 70-687           | CURTIS, N. W.     | 8003180521       | 50-387 A         |
| COUNSIL, W. O.  | 8003280260       | 50-213 P         | CROCKER, H. W.    | 8003030052*      | 70-371           | CURTIS, N. W.     | 8003210184       | 50-387 A         |
| COUNSIL, W. O.  | 8003050100*      | 50-245 Q         | CROCKER, H. W.    | 8003190727*      | 70-135           | CURTIS, N. W.     | 8003310136       | 50-387 S         |
| COUNSIL, W. O.  | 8003060473       | 50-245 Q         | CROCKIN, R. W.    | 8003240637*      | PR               | CURTIS, J. R.     | 8003170095*      | 50-433 Q         |
| COUNSIL, W. O.  | 8003110489       | 50-336 P         | CROCKIN, R. W.    | 8003270072*      | PR               | CUTCHIN, J. M.    | 8003240377       | 50-289 Q         |
| COUNSIL, W. O.  | 8003110470       | 50-245 F         | CROSS, J. M.      | 8003180352       | 50-259 P         | CYPHERT, S. B.    | 8003310064       | 50-445 H         |
| COUNSIL, W. O.  | 8003110481*      | 50-245 F         | CROSSMAN, W. A.   | 8003030057*      | 50-445 Q         | CYPHERT, S. B.    | 8003310032       | 50-445 H         |
| COUNSIL, W. O.  | 8003270343       | 50-213 Q         | CROSSMAN, W. A.   | 8003130413*      | 50-445 Q         | CZECH, L. D.      | 8003070390       | 50-3 F           |
| COUNSIL, W. O.  | 80031100247      | 50-336 P         | CROSSMAN, W. A.   | 8003130127*      | 50-556 Q         | D'ARDENNE, W. H.  | 8003140144       | REGOD            |
| COUNSIL, W. O.  | 8002190048       | PR               | CROSSMAN, W. A.   | 8003120729*      | 50-458 Q         | D'ARDENNE, W. H.  | 8003190921       | REGOD            |
| COUNSIL, W. O.  | 8003190214*      | 50-245 Q         | CROSSMAN, W. A.   | 8003200045*      | 50-445 Q         | DAHLMAN, R. C.    | 8003110009       | PR               |
| COUNSIL, W. O.  | 8003140084       | 50-423 Q         | CROSSMAN, W. A.   | 8003310237*      | 50-458 Q         | DAHLSTROM, C. O.  | 8003130228       | XPORTRIC         |
| COUNSIL, W. O.  | 8003120673       | 50-336 Q         | CROSSMAN, W. A.   | 8003270285*      | 50-382 Q         | DAIL, L. C.       | 8003200610*      | 50-491 Q         |
| COUNSIL, W. O.  | 8003030466       | TOPREP           | CROSSMAN, W. A.   | 8003130389       | 50-499 S         | DAIL, L. C.       | 8003250040*      | 50-491 Q         |
| COUNSIL, W. O.  | 8003110418       | 50-245 P         | CROSSMAN, W. A.   | 8003280492*      | 50-482 Q         | DAIL, L. C.       | 8003170111       | REGOD            |
| COUNSIL, W. O.  | 8003180335       | 50-245 P         | CROSSMAN, W. A.   | 8003310251*      | 50-445 Q         | DAIL, L. C.       | 8003310022       | REGOD            |
| COUNSIL, W. O.  | 8003180634       | 50-336 P         | CROSSMAN, W. A.   | 8003180073*      | 50-445 Q         | DAIL, L. C.       | 8003210159       | 50-488 Q         |
| COUNSIL, W. O.  | 8003180348       | 50-213 P         | CROUSE, R. P.     | 8003070089*      | 50-346 Q         | DAIL, L. C.       | 8003060187       | 50-491 Q         |
| COUNSIL, W. O.  | 8003180595       | 50-213 P         | CROUSE, R. P.     | 8003040482       | 50-346 P         | DAIL, L. C.       | 8003280606       | 50-491 Q         |
| COUNSIL, W. O.  | 8003210527       | 50-213 P         | CROUSE, R. P.     | 8003100133       | 50-346 P         | DALE, L. F.       | 8003260271       | 50-416 Q         |
| COUNSIL, W. O.  | 8003260385       | 50-213 P         | CROUSE, R. P.     | 8003280625       | 50-346 Q         | DALE, L. F.       | 8003190818*      | 50-416 S         |
| COUNSIL, W. O.  | 8003270405       | 50-213 P         | CROUSE, R. P.     | 8003180361       | 50-346 P         | DALE, L. F.       | 8003030555       | 50-416 S         |
| COUNSIL, W. O.  | 8003260365       | 50-245 P         | CROUSE, R. P.     | 8003180364*      | 50-346 P         | DALE, L. F.       | 8003240396       | 50-416 S         |
| COWAP, C.       | 8003270046       | 50-574 Q         | CROUSE, R. P.     | 8003180350       | 50-346 P         | DALE, L. F.       | 8003120594       | 50-416 A         |
| COWDEN, G. H.   | 8003190635*      | 50-445 H         | CROUSE, R. P.     | 8003180339       | 50-346 P         | DALE, L. F.       | 8003070368       | 50-416 S         |
| COWGILL, C. J.  | 8003190912*      | 50-333 Q         | CROUSE, R. P.     | 8003210442       | 50-346 P         | DALE, L. F.       | 8003070370       | 50-416 S         |
| COWGILL, C. J.  | 8003060320*      | 50-317 Q         | CROUSE, R. P.     | 8003240385       | 50-346 P         | DALE, L. F.       | 8003240269       | 50-416 Q         |
| COWGILL, C. J.  | 8003190172       | 50-278 S         | CROUSE, R. P.     | 8003280471       | 50-346 P         | DALLINGER, J. F.  | 8003250612       | 71-9028          |
| COX, T. H.      | 8003280642       | TOPREP           | CROUSE, R. P.     | 8003280560       | 50-346 P         | DALTROFF, S. L.   | 8003040165       | 50-277 Q         |
| CRANE, P. A.    | 8003130132       | 50-275 Q         | CROUSE, R. P.     | 8003280475       | 50-346 P         | DALTROFF, S. L.   | 8003040374       | 50-277 Q         |
| CRANE, P. A.    | 8003100070       | 50-275 Q         | CROUSE, R. P.     | 8003280460       | 50-346 Q         | DALTROFF, S. L.   | 8003120736       | 50-277 Q         |
| CRANE, P. A.    | 8003120739       | 50-278 Q         | CROUSE, R. P.     | 8003310146       | 50-346 R         | DALTROFF, S. L.   | 8003140030       | 50-277 Q         |
| CRANE, P. A.    | 8003100009       | 50-275 Q         | CROW, W. T.       | 8003120465*      | 50-438 A         | DALTROFF, S. L.   | 8003110327       | 50-277 P         |
| CRANE, P. A.    | 8003120700       | 50-133 Q         | CROW, W. T.       | 8003140019       | 50-390 A         | DALTROFF, S. L.   | 8003110549       | 50-277 P         |
| CRANE, P. A.    | 8003040680*      | 50-275 Q         | CROW, W. T.       | 8003140023*      | 50-390 A         | DALTROFF, S. L.   | 8003190347       | 50-277 S         |
| CRANE, P. A.    | 8003250170       | 50-275 A         | CROW, W. T.       | 8003140027       | 50-390 A         | DALTROFF, S. L.   | 8003250576       | 50-277 P         |
| CRANE, P. A.    | 8003250175*      | 50-275 A         | CROW, W. T.       | 8003060379       | 70-1100          | DALTROFF, S. L.   | 8003250548*      | 50-277 P         |
| CRANE, P. A.    | 8002130332       | 50-275 A         | CROW, W. T.       | 8003060390*      | 70-1100          | DANCE, H. C.      | 8003180265       | 50-302 S         |
| CRANE, P. A.    | 8003170146       | 50-275 Q         | CROW, W. T.       | 8003120423       | 70-824           | DANCE, H. C.      | 8003060376*      | 50-259 Q         |
| CRANE, P. A.    | 8003190066       | 50-275 A         | CROW, W. T.       | 8003060214       | 70-2443          | DANCE, H. C.      | 8003250179*      | 50-259 Q         |
| CRANE, P. A.    | 8003270511       | 50-275 Q         | CROW, W. T.       | 8003060407       | 70-925           | DANCE, H. C.      | 8003190332*      | 50-259 Q         |
| CRANE, P. A.    | 8003190908       | 50-275 H         | CROW, W. T.       | 8003250319       | 50-339 A         | DANCE, H. C.      | 8003190193*      | 50-327 Q         |
| CRANE, P. A.    | 8003040212       | 50-275 F         | CROW, W. T.       | 8003040708       | 70-33            | DANCE, H. C.      | 8003190610*      | 50-327 Q         |
| CRANE, P. A.    | 8003050212       | 50-133 R         | CROW, W. T.       | 8002270464       | 70-824           | DANCE, H. C.      | 8003050360*      | 50-259 Q         |
| CRANE, P. A.    | 8003060564       | 50-275 A         | CROW, W. T.       | 8002270471*      | 70-824           | DANCE, H. C.      | 800310257*       | 50-327 Q         |
| CRANE, P. A.    | 8003260592       | 50-275 A         | CROW, W. T.       | 8003260537       | 40-3392          | DANIELS, A. O.    | 8003100018*      | 50-320 H         |
| CRANE, P. A.    | 8003280159       | 50-133 Q         | CROW, W. T.       | 8003190998*      | 70-1100          | DANIELSON, L. J.  | 8003130145       | 40-4492          |
| CRANE, P. A.    | 8003190453       | 50-133 J         | CROW, W. T.       | 8003280134       | 70-2718          | DANIELSON, D. H.  | 8003200525*      | 50-316 Q         |
| CRANE, P. A.    | 8003180583       | 50-133 S         | CROW, W. T.       | 8003280140*      | 70-2718          | DANIELSON, D. H.  | 8003110367       | 50-341 S         |
| CRANE, P. A.    | 8003180481       | 50-275 A         | CROWLEY, B. R.    | 8003190608*      | 50-593 Q         | DANIELSON, D. H.  | 8003280203*      | 50-358 Q         |
| CRANE, P. A.    | 8003200628       | 50-275 S         | CROWLEY, B. R.    | 8003060248*      | 50-269 Q         | DANIELSON, D. H.  | 8003250075       | 50-456 S         |
| CRANE, P. A.    | 8003260631       | 50-275 A         | CROWLEY, B. R.    | 8003190749*      | 50-518 Q         | DANIELSON, D. H.  | 8003200506*      | 50-266 Q         |
| CRANE, P. A.    | 8003260528       | 50-275 A         | CRUM, R. K.       | 8003070099       | 50-416 S         | DANIELSON, D. H.  | 8003310422*      | 50-295 Q         |
| CRANE, P. A.    | 8003280003       | 50-275 Q         | CULLER, F. L.     | 8003180463       | TOPREP           | DANIELSON, D. H.  | 8003310124*      | 50-358 Q         |
| CRANE, P. A.    | 8003260647       | 50-275 A         | CULVER, M. W.     | 8003190542*      | 50-302 R         | DANIELSON, D. H.  | 8003050659*      | 50-329 Q         |
| CRANE, P. A.    | 8003270381       | 50-275 F         | CUMMINGS, W. L.   | 8003140418*      | 50-374 Q         | DANKE, H. C.      | 8003190979       | 50-302 S         |
| CRANSTON, A.    | 8003250192       | 50-133 U         | CUNNINGHAM, O. E. | 8003200073       | 71-5926          | DARNITZEL, R. W.  | 8003140233       | 50-70 P          |

## PERSONAL AUTHOR INDEX

391

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|--------------|---------------------|---------------------|---------------|---------------------|---------------------|
| DARMITZEL, R W  | 8003190469          | 50-70 P             | DENNING, R S | 8003310152          | REG                 | DENTON, H R   | 8003100154          | MISC                |
| DAVIDSON, D R   | 8003050543          | 50-440 S            | DENNY, I L   | 8003250090          | 40-2061             | DENTON, H R   | 8003250076          | 50-346 H            |
| DAVIS, E R      | 8003310471*         | 50-320 H            | DENNY, I L   | 8003190091          | 40-2061             | DENTON, H R   | 8003100030          | 50-275 H            |
| DAVIS, A J      | 8003250486*         | 40-8885             | DENTON, R E  | 8003110365          | 50-318 S            | DENTON, H R   | 8003110024          | MISC                |
| DAVIS, R K      | 8003130082*         | 50-546 Q            | DENTON, H R  | 8003310111*         | FOIA                | DENTON, H R   | 8003190629          | 50-445 H            |
| DAVIS, S M      | 8003030388*         | 50-317 S            | DENTON, H R  | 8003040255*         | 50-320 H            | DENTON, H R   | 8003210314          | 50-320 P            |
| DAVIS, S M      | 8003050454*         | 50-318 S            | DENTON, H R  | 7910260219          | MISC                | DENTON, H R   | 8003070295          | 50-10 Q             |
| DAVIS, S M      | 8003050476*         | 50-317 S            | DENTON, H R  | 7911060016          | COMMISSION          | DENTON, H R   | 8003120779          | 50-220 Q            |
| DAVIS, S M      | 8003170499*         | 50-317 S            | DENTON, H R  | 8003270176          | 50-320 P            | DENTON, H R   | 8003120787          | 50-271 Q            |
| DAVIS, S M      | 8003190531*         | 50-318 S            | DENTON, H R  | 8003140155          | SECY                | DENTON, H R   | 8003120794          | 50-155 Q            |
| DAVIS, S M      | 8003260623*         | 50-318 S            | DENTON, H R  | 8003310344*         | DRG                 | DENTON, H R   | 8003170209          | 50-245 Q            |
| DAVIS, J P      | 8003120330          | 50-3 Q              | DENTON, H R  | 8003200475*         | 50-443 Q            | DENTON, H R   | 8003190092          | 50-293 Q            |
| DAVIS, J P      | 8003170379          | 50-3 Q              | DENTON, H R  | 8003060453*         | 50-352 U            | DENTON, H R   | 8003060606          | 50-410 H            |
| DAVIS, J F      | 8003130337*         | 50-247 P            | DENTON, H R  | 8003190717          | 50-128 P            | DENTON, H R   | 8003240329          | COMMISSION          |
| DAVIS, L D      | 8003030028          | 50-556 Q            | DENTON, H R  | 8003210014          | SECY                | DENTON, H R   | 8003240105          | 50-409 Q            |
| DAVIS, L D      | 8003050157          | 50-556 Q            | DENTON, H R  | 8003170033          | 50-206 P            | DENTON, H R   | 8003240108*         | 50-409 Q            |
| DAVIS, L D      | 8003050393          | 50-556 Q            | DENTON, H R  | 8003170036*         | 50-206 P            | DENTON, H R   | 8003100012          | 50-320 H            |
| DAVIS, L D      | 8003060400          | 50-556 Q            | DENTON, H R  | 8003170048*         | 50-206 P            | DENTON, H R   | 8003100016          | 50-320 H            |
| DAVIS, L D      | 8003060457          | 50-275 Q            | DENTON, H R  | 8003170053*         | 50-206 P            | DENTON, H R   | 8003100033          | 50-320 H            |
| DAVIS, L D      | 8003310450          | 50-556 Q            | DENTON, H R  | 8003060288          | 50-339 A            | DENTON, H R   | 8003170110          | 50-320 P            |
| DAVIS, A B      | 8003110376          | 1&E                 | DENTON, H R  | 8003110255*         | 10CFR               | DENTON, H R   | 8003200038          | 50-320 H            |
| DAVIS, A B      | 8003110372          | 1&E                 | DENTON, H R  | 8003120765          | 50-320 H            | DENTON, H R   | 8003120684          | 50-320 H            |
| DAVIS, A B      | 8003130382          | 1&E                 | DENTON, H R  | 8003130005          | 50-320 H            | DENTON, H R   | 8003130144          | 50-320 H            |
| DAVIS, A B      | 8003190328          | 1&E                 | DENTON, H R  | 8003130021          | 50-320 H            | DENTON, H R   | 8003130606          | 50-320 Q            |
| DAVIS, A B      | 8003200598          | 1&E                 | DENTON, H R  | 8003130038          | 50-320 H            | DENTON, H R   | 8003130614          | 50-320 Q            |
| DAVIS, A B      | 8003140132          | 1&E                 | DENTON, H R  | 8003130054          | 50-320 H            | DENTON, H R   | 8003130639          | 50-320 H            |
| DAVIS, A B      | 8003250055          | 50-305 Q            | DENTON, H R  | 8003190474          | 50-320 H            | DENTON, H R   | 8003130644          | 50-320 H            |
| DAVIS, A B      | 8003200480          | 50-282 Q            | DENTON, H R  | 8003190484          | 50-320 H            | DENTON, H R   | 8003130651          | 50-320 H            |
| DAVIS, A B      | 8003240586          | 50-282 Q            | DENTON, H R  | 8003190490          | 50-320 H            | DENTON, H R   | 8003130656          | 50-320 Q            |
| DAVIS, A B      | 8003210034          | 50-255 Q            | DENTON, H R  | 8003190494          | 50-320 H            | DENTON, H R   | 8003130671          | 50-320 H            |
| DAVIS, A B      | 8003310440          | 50-254 Q            | DENTON, H R  | 8003070283          | 50-272 Q            | DENTON, H R   | 8003140025          | 50-320 Q            |
| DAVIS, A B      | 8003060246          | 50-315 Q            | DENTON, H R  | 8003070285*         | 50-272 Q            | DENTON, H R   | 8003140043          | 50-320 H            |
| DAVIS, A B      | 8003310460          | 50-266 Q            | DENTON, H R  | 8003070288*         | 50-272 Q            | DENTON, H R   | 8003140054          | 50-320 H            |
| DAVIS, A B      | 8003190592          | 50-358 Q            | DENTON, H R  | 8003100005          | 50-320 H            | DENTON, H R   | 8003140351*         | 50-327 T            |
| DAVIS, A B      | 8003240571          | 50-266 Q            | DENTON, H R  | 8003100192*         | 50-251 P            | DENTON, H R   | 8003170016          | 50-320 H            |
| DAVIS, A B      | 8003260327          | 50-2 Q              | DENTON, H R  | 8003120814          | 50-251 Q            | DENTON, H R   | 8003170025          | 50-320 Q            |
| DAVIS, S M      | 8003040286          | NUREG               | DENTON, H R  | 8003190073*         | 50-251 Q            | DENTON, H R   | 8003170034          | 50-320 H            |
| DAWSON, D M     | 8003050080          | 70-1308             | DENTON, H R  | 8003190077*         | 50-251 Q            | DENTON, H R   | 8003170042          | 50-320 H            |
| DAWSON, D M     | 8003050090          | 70-1308             | DENTON, H R  | 8003040701          | 50-320 H            | DENTON, H R   | 8003170051          | 50-320 H            |
| DAWSON, D M     | 8003050071          | 70-1308             | DENTON, H R  | 8003040706*         | 50-320 H            | DENTON, H R   | 8003170060          | 50-320 H            |
| DAWSON, D M     | 8003040073          | 70-1308             | DENTON, H R  | 8003060305          | 50-320 H            | DENTON, H R   | 8003170070          | 50-320 H            |
| DAWSON, D M     | 8003050075          | 70-1308             | DENTON, H R  | 8003240401          | 50-443 Q            | DENTON, H R   | 8003170089          | 50-320 H            |
| DAWSON, D M     | 8003040076          | 70-1308             | DENTON, H R  | 8003030076*         | 50-367 Q            | DENTON, H R   | 8003170104          | 50-320 H            |
| DAWSON, D M     | 8003040067          | 70-1308             | DENTON, H R  | 8003030078*         | 50-367 Q            | DENTON, H R   | 8003190010          | MISC                |
| DAWSON, D M     | 8003050083          | 70-1308             | DENTON, H R  | 8003140089          | 50-331 Q            | DENTON, H R   | 8003200377          | 50-320 Q            |
| DAWSON, D M     | 8003040083          | 70-1308             | DENTON, H R  | 8003140093*         | 50-331 Q            | DENTON, H R   | 8003210003          | 50-320 H            |
| DAWSON, J J     | 8003280624*         | 40-8452             | DENTON, H R  | 8003190076*         | 50-331 Q            | DENTON, H R   | 8003210010          | 50-320 Q            |
| DE BYLVA, D P   | 8003040324          | 50-488 Q            | DENTON, H R  | 8003040216          | 50-327 H            | DENTON, H R   | 8003210017          | 50-320 Q            |
| DEALE, V B      | 8003130675          | 50-522 Q            | DENTON, H R  | 8003040293          | 50-311 H            | DENTON, H R   | 8003250355          | 50-320 H            |
| DEAN, W J       | 8003200392*         | 50-304 S            | DENTON, H R  | 8003050132          | 50-335 Q            | DENTON, H R   | 8003250370          | 50-320 H            |
| DEAN, W J       | 8003260607*         | 50-304 S            | DENTON, H R  | 8003050134*         | 50-335 Q            | DENTON, H R   | 8003250384          | 50-320 H            |
| DEANER, J H     | 8003040264*         | CONTRACT            | DENTON, H R  | 8003050238          | 50-320 Q            | DENTON, H R   | 8003210039          | 50-320 H            |
| DECATO, P       | 8003050181          | EXPORTIC            | DENTON, H R  | 8003070297          | MISC                | DENTON, H R   | 8003310056          | 50-320 H            |
| DECKER, G. L.   | 8003040520          | 50-367 Q            | DENTON, H R  | 8003100195*         | 50-251 P            | DENTON, H R   | 8003310065          | 50-320 H            |
| DECKER, T R     | 8003170136          | 70-1113             | DENTON, H R  | 8003120642          | 50-320 H            | DENTON, H R   | 8003170055*         | 50-327 P            |
| DEEG, F H       | 8003050366          | 50-333 J            | DENTON, H R  | 8003140261          | 50-339 H            | DENTON, H R   | 8003240062          | 50-3 Q              |
| DEEG, F H       | 8003050369          | 50-286 J            | DENTON, H R  | 8003190081*         | 50-251 Q            | DENTON, H R   | 8003130399          | 50-3 Q              |
| DEHART, R C     | 8003050443*         | 50-249 F            | DENTON, H R  | 8003190418          | 50-320 Q            | DENTON, H R   | 8003190103          | 50-3 Q              |
| DELANEY, J C    | 8003120463*         | 50-438 A            | DENTON, H R  | 8003190849          | 50-320 H            | DENTON, H R   | 8003190330          | 50-3 Q              |
| DELANEY, J C    | 8003140027          | 50-390 A            | DENTON, H R  | 8003310467          | MISC                | DENTON, H R   | 8003310033          | 50-320 H            |
| DELANEY, J C    | 8003250320*         | 50-339 A            | DENTON, H R  | 8003040022          | 50-289 Q            | DENTON, H R   | 8003310157          | 50-320 H            |
| DELANEY, J C    | 8003250327*         | 50-361 A            | DENTON, H R  | 8003050009          | 50-320 Q            | DENTON, H R   | 8003310215          | 50-320 H            |
| DELANEY, J C    | 8003280140*         | 70-2718             | DENTON, H R  | 8003050030          | 50-289 Q            | DENTON, H R   | 8003310410          | NUREG               |
| DELANEY, J C    | 8003130504*         | 40-6244             | DENTON, H R  | 8003050216          | 50-289 Q            | DENTON, H R   | 8003310444          | 50-320 H            |
| DELANEY, J C    | 8003130497*         | 40-6244             | DENTON, H R  | 8003050253          | 50-289 Q            | DENTON, H R   | 8003310465          | 50-320 H            |
| DELANEY, J C    | 8003130491*         | 40-6244             | DENTON, H R  | 8003060058          | 50-320 Q            | DENTON, H R   | 8003200458          | 50-443 Q            |
| DELOACH, L. O.  | 8003250247          | PR                  | DENTON, H R  | 8003060082          | 50-289 Q            | DENTON, H R   | 8003240093          | 50-546 Q            |
| DELOACH, L. O.  | 8003060345          | 50-373 A            | DENTON, H R  | 8003060107          | 50-320 H            | DENTON, H R   | 8003250461          | 50-219 H            |
| DELOACH, L. O.  | 8003040521          | 50-373 A            | DENTON, H R  | 8003060115          | 50-289 Q            | DENTON, H R   | 8003280374          | 50-302 P            |
| DELLA RATTIA, A | 8003050312*         | 70-33               | DENTON, H R  | 8003070186          | 50-320 Q            | DENTON, H R   | 8003280395*         | 50-302 P            |
| DELLA RATTIA, A | 80030306336*        | 70-1143             | DENTON, H R  | 8003070271          | MISC                | DENTON, H R   | 8003310342          | DRG                 |
| DELLA RATTIA, A | 8003110227*         | 70-371              | DENTON, H R  | 8003100144          | COMMISSION          | DENTON, H R   | 8003250590          | 50-312 H            |
| DELOACH, J. W.  | 8003050152          | PR                  | DENTON, H R  | 8003130273          | 50-320 H            | DENTON, H R   | 8003310008*         | 50-486 Q            |
| DELOACH, J. W.  | 8003060482          | PR                  | DENTON, H R  | 8003180094          | 50-339 A            | DENTON, H R   | 8003310010*         | 50-486 Q            |
| DELONG, B. D    | 8003060602*         | 50-316 S            | DENTON, H R  | 8003190333          | 50-320 H            | DENTON, H R   | 8003310011          | 50-486 Q            |
| DELONG, B. D    | 8003180534*         | 50-315 S            | DENTON, H R  | 8003190346          | 50-320 H            | DENTON, H R   | 8003310062          | 50-320 H            |
| DENISE, R. P.   | 7903090337          | 50-29 P             | DENTON, H R  | 8003190360          | 50-320 Q            | DENTON, H R   | 8003310006          | 50-486 Q            |
| DENISE, R. P.   | 8003310413*         | NUREG               | DENTON, H R  | 8003190381          | 50-320 H            | DENTON, H R   | 8003310405          | 50-295 Q            |
| DENISE, R. P.   | 8003310418*         | NUREG               | DENTON, H R  | 8003190393          | 50-320 H            | DEPTULA, G C  | 8003200175*         | 10CFR               |
| DENISE, R. P.   | 8003240248*         | 50-366 P            | DENTON, H R  | 8003190407          | 50-320 H            | DEVINE, J F   | 8003200211*         | 10CFR               |
| DENISE, R. P.   | 8003310423*         | NUREG               | DENTON, H R  | 8003210250          | 50-320 H            | DESEIFE, S    | 8003170096          | PR                  |
| DENISE, R. P.   | 8003100010          | 50-320 H            | DENTON, H R  | 8003210271          | 50-320 Q            | DESHOND, J A  | 8003170305*         | CONTRACT            |
| DENNING, R. S.  | 8003140007          | TOPREP              | DENTON, H R  | 8003210286          | 50-320 H            | DEUKHEJIAN, G | 8003030101          | PROJ                |
| DENNING, R. S.  | 8003140010*         | TOPREP              | DENTON, H R  | 8003250204          | 50-289 Q            | DEUKHEJIAN, G | 8003250318          | PROJ                |
| DENNING, R. S.  | 8003140015*         | TOPREP              | DENTON, H R  | 8003250387          | 50-206 H            | DEVINE, J F   | 8003070078          | 50-874 A            |

## PERSONAL AUTHOR INDEX

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| DEVINCENTIS, J  | 8003060023*      | 50-443 H         | DOPPOVIC, D. A   | 8003060406*      | 50-445 H         | ECONOMOS, N      | 8003050349*      | 50-349 2         |
| DEVINCENTIS, J  | 8003120731       | 50-443 G         | DORIAN, T. F     | 8003200109       | 50-574 Q         | ECONOMOS, N      | 8003190798*      | 50-518 3         |
| DEVLIN, J. W    | 8003110171*      | 70-2842          | DOUGHERTY, D. J  | 8003060702*      | CONTRACT         | EDDLEMAN, W      | 8003190291*      | 50-400 3         |
| DEVLIN, J. W    | 8003200048       | 50-293 S         | DOUGHERTY, D. J  | 8003140460*      | CONTRACT         | EDELSTEIN, B     | 8003050211       | XPORLTC          |
| DEVLIN, J. W    | 8003050265*      | 50-293 Q         | DOYLE, N. M      | 8003200295       | PRDJ             | EDENWORTH, P     | 8003060498       | CONTRACT         |
| DEVLIN, J. W    | 8003050171*      | 70-820           | DREW, J. E       | 8003140412       | 50-574 Q         | EDSON, K         | 8003190734*      | 50-129 P         |
| DEWY, L. S      | 8003260058       | 50-389 N         | DROMERICK, A. W  | 8003040188       | 50-275 A         | EDY, C. W        | 8003240593*      | 50-266 Q         |
| DEXTER, W. D    | 8003280660       | 40-4492          | DROMERICK, A. W  | 8003100235       | 50-339 A         | EGERNIEDER, C    | 8003210003*      | 50-320 H         |
| DICKSON, H. W   | 8003130680       | RES              | DROMERICK, A. W  | 8003210187       | 50-339 A         | ETCH, E          | 8003180506*      | 50-247 F         |
| DIECKAMP, H     | 8003100203*      | 50-320 P         | DROMERICK, A. W  | 8003210191       | 50-339 A         | EICHCLDINGER, C  | 8003200149*      | 10CFR            |
| DIEDRICK, D. O  | 8003120383       | TOPREP           | DROMERICK, A. W  | 8003120416       | 50-311 A         | EICHHORN, W. H.  | 8003040288       | 50-367 2         |
| DIETERICH, K. L | 8003110562*      | 50-346 S         | DROMERICK, A. W  | 8003270181       | 50-311 A         | EICHHORN, W. H.  | 8003240593*      | 50-367 2         |
| DIGGS, R. H     | 8003190904       | 50-416 A         | DROMERICK, A. W  | 8003280180       | 50-311 A         | EICHHORN, W. H.  | 8003040288       | 50-367 2         |
| DIGGS, R. H     | 8003040069       | 50-271 P         | DROMERICK, A. W  | 8003260315       | 50-311 A         | EICHHORN, W. H.  | 8003050001       | 50-367 2         |
| DIGGS, R. H     | 8003140191       | 50-282 P         | DROMERICK, A. W  | 8003270340       | 50-339 A         | EISENHUTER, C. M | 8003120683       | NUREQ            |
| DIGGS, R. H     | 8003280350       | 50-298 P         | DRUCKENHILLER, J | 8003180525       | 50-315 P         | EISENHUT, D. O   | 8003070296*      | ACRS             |
| DINITZ, I       | 8003040613       | 50-250 J         | DUBONSKY, E      | 8003140031       | XPORLTC          | EISENHUT, D. O   | 8003070301*      | ACRS             |
| DIPLAZZA, R. P  | 8003050036       | 70-1143          | DURBY, N. E      | 8003200488*      | 50-282 Q         | EISENHUT, D. O   | 8003170197       | 50-320 P         |
| DIPLAZZA, R. P  | 8003040055*      | 70-1143          | DUKOWORTH, J. P  | 8003130153       | 50-201 R         | EISENHUT, D. O   | 8003140138*      | 50-219 P         |
| DIPLAZZA, R. P  | 8003050038*      | 70-1143          | DUKOWORTH, J. P  | 8003060541       | 50-201 R         | EISENHUT, D. O   | 8002190029       | 50-3 P           |
| DIPLAZZA, R. P. | 8003130001       | 71-6400          | DUDLEY, I. T     | 8003120618       | RES              | EISENHUT, D. O   | 8003060138       | 50-266 H         |
| DIRCKS, N. D    | 8003250177       | PRH              | DUFOUR, L        | 7908060297       | 50-320 H         | EISENHUT, D. O   | 8003280618       | 50-247 P         |
| DIRCKS, W. J    | 8003060914       | 50-568 U         | DUGAN, J.        | 8003130138       | 50-387 Q         | EISENHUT, D. O   | 8003070027       | 50-133 P         |
| DIRCKS, W. J    | 8003110232*      | 10CFR            | DUGAN, M.        | 8003060707       | 50-387 Q         | EISENHUT, D. O   | 8003200552*      | 50-244 P         |
| DIRCKS, W. J    | 8003060409       | 50-352 U         | DUMAS, D. O      | 8003140644*      | 71-107           | EISENHUT, D. O   | 8003200546       | 50-244 P         |
| DIRCKS, W. J    | 8003060916       | 50-313 U         | DUNBAR, J        | 8003190569*      | 50-249 S         | EISENHUT, D. O   | 8002140005       | 50-320 P         |
| DIRCKS, W. J    | 8003060308       | NUREQ            | DUNCAN, M. P     | 8003060025       | 40-8721          | EISENHUT, D. O   | 8003070307*      | GEN TEC IS       |
| DIRCKS, W. J    | 8003060511       | 50-339 U         | DUNENFELD, M     | 8003170155       | 50-338 P         | EISENHUT, D. O   | 8003070278*      | 50-10 Q          |
| DIRCKS, W. J    | 8003060441       | 50-352 U         | DUNENFELD, M     | 8003210089       | TOPREP           | EISENHUT, D. O   | 8003070302*      | 50-10 Q          |
| DIRCKS, W. J    | 8003110194*      | 50-320 P         | DUNN, W. J       | 8003280376*      | 50-445 H         | EISENHUT, D. O   | 8003070303*      | 50-10 Q          |
| DIRCKS, W. J    | 8003060059       | MISC             | DUNN, C. N       | 8003200494*      | 50-334 Q         | EISENHUT, D. O   | 8003070305*      | 50-10 Q          |
| DIRCKS, W. J    | 8003060149       | 50-387 U         | DUNN, C. N       | 8003280261*      | 50-334 Q         | EISENHUT, D. O   | 8003070307*      | 50-10 Q          |
| DIRCKS, W. J    | 8003060197       | 50-387 U         | DUNN, C. N       | 8003060465       | 50-334 Q         | EISENHUT, D. O   | 8003120783*      | 50-220 Q         |
| DIRCKS, W. J    | 8003060561       | MISC             | DUNN, C. N       | 8003050510       | 50-334 P         | EISENHUT, D. O   | 8003120791*      | 50-271 Q         |
| DIRCKS, W. J    | 8003170130       | 50-133 U         | DUNN, C. N       | 8003120509       | 50-334 F         | EISENHUT, D. O   | 8003120798*      | 50-135 Q         |
| DIRCKS, W. J    | 8003060426       | 50-352 U         | DUNN, C. N       | 8003170275       | 50-334 R         | EISENHUT, D. O   | 8003170212*      | 50-243 Q         |
| DIRCKS, W. J    | 8003110081       | 50-320 U         | DUNN, C. N       | 8003200409       | 50-334 P         | EISENHUT, D. O   | 8003190094*      | 50-293 Q         |
| DIRCKS, W. J    | 8003180160       | XPORLTC          | DUNN, C. N       | 8003260582       | 50-334 Q         | EISENHUT, D. O   | 8003070030       | 50-247 H         |
| DIRCKS, W. J    | 8003110093       | 50-241 F         | DUNN, C. N       | 8003280289       | 50-334 P         | EISENHUT, D. O   | 8003120676       | 50-291 Q         |
| DIRCKS, W. J    | 8003110108       | 50-320 U         | DUNN, C. N       | 8003270318       | 50-334 F         | EISENHUT, D. O   | 8003120685       | 50-247 Q         |
| DIRCKS, W. J    | 8003190268       | XPORLTC          | DUNN, C. N       | 8003310324       | 50-334 R         | EISENHUT, D. O   | 8003140421       | 50-325 Q         |
| DIRCKS, W. J    | 8003280236       | XPORLTC          | DUNNIGAN, D. E   | 8003180286       | PR               | EISENHUT, D. O   | 8003140423       | 50-250 Q         |
| DIRCKS, W. J    | 8003100181*      | 50-320 P         | DURRIS, C. C     | 8003040020       | 50-356 H         | EISENHUT, D. O   | 8003140427       | 50-313 Q         |
| DIRCKS, W. J    | 8003240058       | XPORLTC          | DUTTON, D        | 8003310018*      | 50-424 Q         | EISENHUT, D. O   | 8003140428       | 50-284 Q         |
| DIRCKS, W. J    | 8003060120*      | 40-1341          | DUTTON, D        | 8003210062       | 50-424 Q         | EISENHUT, D. O   | 8003140430       | 50-266 Q         |
| DIRCKS, W. J    | 8003110275*      | 10CFR            | DUTTON, D        | 8003240439       | 50-424 S         | EISENHUT, D. O   | 8003140431       | 50-301 Q         |
| DIRCKS, W. J    | 8003130250*      | State Prog       | DUTTON, D        | 8003050436       | 50-424 S         | EISENHUT, D. O   | 8003140434       | 50-338 Q         |
| DIRCKS, W. J    | 8003060340       | FDIA             | DUTTON, D        | 8003060472       | 50-424 S         | EISENHUT, D. O   | 8003140436       | 50-380 Q         |
| DIRCKS, W. J    | 8003040367       | 50-254 Q         | DUTTON, D        | 8003310364       | 50-424 Q         | EISENHUT, D. O   | 8003140437       | 50-309 Q         |
| DIALVO, R       | 8003250112       | 71-24            | DUVALL, D. D     | 8003040707       | 50-413 S         | EISENHUT, D. O   | 8003140438       | 50-302 Q         |
| DIALVO, R       | 8003250115*      | 71-24            | DYER, J. A       | 8003110136*      | 50-335 Q         | EISENHUT, D. O   | 8003140440       | 50-312 Q         |
| DIALVO, R       | 8003280119*      | 71-24            | DYER, J. A       | 8003200132*      | 50-302 Q         | EISENHUT, D. O   | 8003140468       | 50-298 Q         |
| DISE, D. P      | 8003060574       | 50-220 F         | DYER, J. A       | 8003180135       | 50-302 S         | EISENHUT, D. O   | 8003140471       | 50-261 Q         |
| DISE, D. P      | 8003190568*      | 50-220 F         | EADIE, O. Q      | 8003060134*      | 40-1341          | EISENHUT, D. O   | 8003140474       | 50-348 Q         |
| DISE, D. P      | 8003280447       | 50-220 F         | EADIE, O. Q      | 8003260427       | 40-1341          | EISENHUT, D. O   | 8003140476       | 50-305 Q         |
| DITONDO, N      | 8003190947       | 71-365           | EADS, R          | 8003190381*      | 50-320 H         | EISENHUT, D. O   | 8003140477       | 50-272 Q         |
| DITTO, S. J     | 8003310030*      | 50-312 T         | EARLY, P. J      | 8003120728       | 50-286 Q         | EISENHUT, D. O   | 8003140478       | 50-282 Q         |
| DIXON, O. N     | 8003310044       | 71-244           | EARLY, P. J      | 8003130215       | 50-286 Q         | EISENHUT, D. O   | 8003140479       | 50-334 Q         |
| DOAN, P. F      | 8003170492*      | 50-298 S         | EARLY, P. J      | 8003050492       | 50-286 P         | EISENHUT, D. O   | 8003140480       | 50-295 Q         |
| DODDS, R. T     | 8003040693*      | 50-275 Q         | EARLY, P. J      | 8003050493       | 50-333 F         | EISENHUT, D. O   | 8003140481       | 50-304 Q         |
| DODDS, R. T     | 8003140179*      | 50-528 Q         | EARLY, P. J      | 8003050389       | 50-286 F         | EISENHUT, D. O   | 8003140482       | 50-318 Q         |
| DODDS, R. T     | 8003070007*      | 50-275 Q         | EARLY, P. J      | 8003050821       | 50-286 Q         | EISENHUT, D. O   | 8003190148       | 50-318 Q         |
| DODDS, R. T     | 8003060460*      | 50-508 Q         | EARLY, P. J      | 8003060543       | 50-286 F         | EISENHUT, D. O   | 8003240555       | 50-302 Q         |
| DODDS, R. T     | 8003060769*      | 50-460 Q         | EARLY, P. J      | 8003060584       | 50-333 F         | EISENHUT, D. O   | 8003280474       | 50-29 Q          |
| DOHERTY, J. F   | 8003310084       | 50-466 H         | EARLY, P. J      | 8003090447       | 50-286 F         | EISENHUT, D. O   | 8003280477       | 50-244 Q         |
| DOLAN, J. E     | 8003060267*      | 50-315 Q         | EARLY, P. J      | 8003070356       | 50-333 P         | EISENHUT, D. O   | 8003280481       | 50-213 Q         |
| DOLAN, J. E     | 8003240034       | 50-315 P         | EARLY, P. J      | 8003130433       | 50-286 P         | EISENHUT, D. O   | 8003280484       | 50-255 Q         |
| DOLAN, J. E     | 8003070366       | 50-315 F         | EARLY, P. J      | 8003130418       | 50-286 P         | EISENHUT, D. O   | 8003280486       | 50-206 Q         |
| DOLAN, J. E     | 8003130426       | 50-315 Q         | EARLY, P. J      | 8003180371       | 50-286 P         | EL-ASHRY, M. T   | 8003110468       | 50-327 R         |
| DOLAN, J. E     | 8003120545       | 50-315 P         | EARLY, P. J      | 8003180515       | 50-286 Q         | EL-ASHRY, M. T   | 8003260600       | 50-327 P         |
| DOLAN, J. E     | 8003180473       | 50-315 P         | EARLY, P. J      | 8003190659       | 50-286 P         | ELIASON, L. R    | 8003040316       | 50-263 S         |
| DOLAN, J. E     | 8003280517       | 50-316 P         | EARLY, P. J      | 8003260387       | 50-286 P         | ELIASON, L. R    | 8003040583       | 50-263 P         |
| DONAHUE, J. F   | 8003130650       | 50-299 S         | EARLY, P. J      | 8003260394*      | 50-286 P         | ELIASON, L. R    | 8003120440       | 50-263 P         |
| DONAHUE, J. F.  | 8003260303       | 50-331 S         | EARLY, P. J      | 8003270434       | 50-333 P         | ELIASON, L. R    | 8003120607       | 50-263 S         |
| DONAT, T. J     | 8003170193*      | 50-327 Q         | EARLY, P. J      | 8003280230       | 50-286 P         | ELIASON, L. R    | 8003110513       | 50-263 S         |
| DONAT, T. J     | 8003060176*      | 50-369 Q         | EARLY, P. J      | 8003280234*      | 50-286 P         | ELIASON, L. R    | 8003170313       | 50-263 S         |
| DONAT, T. J     | 8003170201       | 50-280 Q         | EABON, C. F      | 8003130109       | 71-258           | ELIASON, L. R    | 8003170451       | 50-263 P         |
| DONAT, T. J     | 8003120707       | 50-328 S         | EBERT, D. D      | 8003200397*      | 50-77 R          | ELIASON, L. R    | 8003180635       | 50-263 S         |
| DONAT, T. J.    | 8003200015       | 50-328 S         | EBNETER, S. D    | 8003030104*      | 50-322 Q         | ELIASON, L. R    | 8003180635       | 50-263 S         |
| DONELSON, R. N  | 8003140033       | REOD             | EBNETER, S. D    | 8003060338*      | 50-423 Q         | ELIASON, L. R    | 8003240422       | 50-263 S         |
| DONELSON, S. E. | 8003310363       | 50-311 Q         | EBNETER, S. D    | 8003190920       | 50-387 Q         | ELIASON, L. R    | 8003280542       | 50-263 Q         |
| DONELSON, R. N  | 8003190891       | REOD             | ECKERT, J. R.    | 8003070141       | PR               | ELLIOT, F. W     | 8003130480*      | 40-6264          |
| DONNAT, T. J    | 8003280018       | 50-302 S         | ECKERT, R. M     | 8003050470       | 50-272 Q         | ELLIS, J.        | 8003240606       | 50-445 Q         |
| DONODHUE, D. J. | 8003200091*      | 10CFR            | ECKHARDT, J. H   | 8003140179*      | 50-528 Q         | ELLISON, C       | 8003280300       | 50-312 Q         |
| DOPPOVIC, D. A  | 8003060402       | 50-445 H         | ECONOMOS, N      | 8003270053*      | 50-269 Q         | ELLISON, C       | 8003050048       | 50-312 Q         |

# PERSONAL AUTHOR INDEX

393

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|-----------------|---------------------|---------------------|---------------|---------------------|---------------------|
| ELLISON, C      | 8003140300          | 50-312 T            | ENGELKEN, R H   | 8003260353          | 50-312 Q            | FELTON, J M   | 8003050319          | 70-143              |
| ELLIS, C W      | 8003060166          | 50-482 A            | ENGELKEN, R H   | 8003260357          | 50-397 Q            | FELTON, J M   | 8003200513          | FOIA                |
| ELLNER, I       | 8003050039          | PR                  | ENGLAND, A W    | 8003110048          | PR                  | FELTON, J M   | 8003310070          | FOIA                |
| ELROD, S A      | 8003190672*         | 50-302 Q            | ENGLISH, T D    | 8003180269          | PR                  | FELTON, J M   | 8003140063          | FOIA                |
| ELROD, S A      | 8003170187          | 50-231 S            | ENGLISH, T D    | 8003180275          | PR                  | FELTON, J M   | 8003140043*         | FOIA                |
| ELTAHILA, F     | 8003130168          | 50-322 A            | ENTERLINE, F E  | 8003210013*         | 50-320 Q            | FELTON, J M   | 8003200574          | FOIA                |
| ELTAHILA, F     | 8003270060          | 50-387 A            | ERB, C M        | 8003190641*         | 50-341 Q            | FELTON, J M   | 8003110346          | FOIA                |
| EMPSON, F M     | 8003190960          | 70-1308             | ERBACHER, F J   | 8003050208          | NUREQ               | FELTON, J M   | 8003140485          | FOIA                |
| ENO, J R        | 8003280063          | 50-367 Q            | ESKRIDGE, H E   | 8003120361          | 71-6294             | FELTON, J M   | 8003190050*         | FOIA                |
| ENGELDER, T C   | 8003190030*         | 70-824              | ESKRIDGE, H E   | 8003310207          | 70-36               | FELTON, J M   | 8003200314          | FOIA                |
| ENGEL, R E      | 8003030480          | TOPREP              | ESKRIDGE, H E   | 8003270519          | 70-36               | FELTON, J M   | 8003260067          | FOIA                |
| ENGEL, R E      | 8003210473          | TOPREP              | ESSIO, T H      | 8003250066*         | 50-305 Q            | FELTON, J M   | 8003260098          | FOIA                |
| ENGEL, R E      | 8003100227*         | 50-277 P            | ESSIO, T H      | 8003240599*         | 50-282 Q            | FELTON, J M   | 8003240320          | 50-404 A            |
| ENGEL, R E      | 8003110034*         | 50-333 P            | ESTEV, H P      | 8003050180          | 70-1257             | FELTON, J M   | 8003240338          | FOIA                |
| ENGELHARDT, T F | 8003280594          | 50-556 H            | ESTEV, H P      | 8003050031          | 70-1257             | FELTON, J M   | 8003260485          | FOIA                |
| ENGELKEN, R H   | 8003140357*         | 40-8713             | ESTEV, H P      | 8003130670          | 70-1257             | FELTON, J M   | 8003310047          | FOIA                |
| ENGELKEN, R H   | 8003140338*         | 40-8713             | ESTEV, H P      | 8003200032          | 70-1257             | FENYVES, E J  | 8003140081*         | COMMISSION          |
| ENGELKEN, R H   | 8003110282          | 50-323 Q            | ESTEV, H P      | 8003200043*         | 70-1257             | FERGUSON, J H | 8003170123          | 50-280 P            |
| ENGELKEN, R H   | 8003110287          | 50-133 Q            | EVANS, M A      | 8003060735*         | 50-387 Q            | FERGUSON, J H | 8003210331          | 50-338 K            |
| ENGELKEN, R H   | 8003110292          | 50-275 Q            | EVANS, V R      | 8003260390          | 50-317 F            | FERGUSON, J H | 8003210466          | 50-280 Q            |
| ENGELKEN, R H   | 8003110298          | 50-344 Q            | EVANS, J H      | 8003210227*         | 71-5597             | FERGUSON, R   | 7909210019          | MISC                |
| ENGELKEN, R H   | 8003110300          | 50-312 Q            | EVANS, C A      | 8003170055*         | 50-262 Q            | FERMAN, J W   | 8003260602          | 50-263 P            |
| ENGELKEN, R H   | 8003140245          | 50-508 S            | EVERETT, R J    | 8003120334          | 1&E                 | FIALKA, J J   | 8003030034          | FOIA                |
| ENGELKEN, R H   | 8003120605          | 50-206 Q            | EWALD, S C      | 8003310445*         | 50-280 Q            | FIALKA, J J   | 8003030015          | FOIA                |
| ENGELKEN, R H   | 8003120270          | 50-528 Q            | EWALD, S C      | 8003280524*         | 50-302 Q            | FIEDLER, J    | 8003250430          | 50-250 J            |
| ENGELKEN, R H   | 8003120273          | 50-133 Q            | FABRIKANT, R    | 8003040685          | 50-389 M            | FIEDLER, J    | 8003250431          | 50-348              |
| ENGELKEN, R H   | 8003120276          | 50-344 Q            | FAHRNER, W J    | 8003100042          | 50-341 S            | FIEDLER, J    | 8003250434          | 50-348              |
| ENGELKEN, R H   | 8003120279          | 50-206 Q            | FAHRNER, W J    | 8003040518          | 50-341 S            | FIEDLER, J    | 8003250435          | 50-321              |
| ENGELKEN, R H   | 8003120286          | 50-312 Q            | FAHRNER, W J    | 8003240387          | 50-341 S            | FIEDLER, J    | 8003250436          | 50-302              |
| ENGELKEN, R H   | 8003120299          | 50-397 Q            | FAIRFILE, M B   | 8003260286          | 50-302 S            | FIEDLER, J    | 8003030317          | 50-327              |
| ENGELKEN, R H   | 8003140306          | 50-133 Q            | FAIRFILE, M B   | 8003310131          | 50-302 S            | FIEDLER, J    | 8003030320          | 50-302              |
| ENGELKEN, R H   | 8003140309          | 50-344 Q            | FALBE, M J      | 8003310313*         | 50-220 S            | FIEDLER, J    | 8003110485          | 50-327              |
| ENGELKEN, R H   | 8003140310          | 50-312 Q            | FALK, K M       | 8003050263          | 50-266 Q            | FIELDS, H     | 8003170165          | 50-153              |
| ENGELKEN, R H   | 8003140328          | 40-8713             | FALK, K M       | 8003140143          | 50-266 Q            | FIEND, D      | 8003190744          | TOPREP              |
| ENGELKEN, R H   | 8003180211          | 50-133 Q            | FALK, K M       | 8003040514          | 50-266 Q            | FILTER, H E   | 8003190528*         | TOPREP              |
| ENGELKEN, R H   | 8003180221          | 50-344 Q            | FALK, K M       | 8003060555          | 50-266 H            | FINFRACK, I R | 8003170028          | 50-219 P            |
| ENGELKEN, R H   | 8003180223          | 50-206 Q            | FALLON, P       | 8003280087          | 50-387 H            | FINFRACK, I R | 8003170028          | 50-219 P            |
| ENGELKEN, R H   | 8003180224          | 50-312 Q            | FARNSWORTH, D A | 8003250292*         | TOPREP              | FINFRACK, I R | 8003050477          | 50-219 P            |
| ENGELKEN, R H   | 8003140373          | 50-528 Q            | FARRELL, D      | 8003130597          | 50-556 H            | FINFRACK, I R | 8003110539          | 50-219 P            |
| ENGELKEN, R H   | 8003140374          | 50-133 Q            | FARRIS, J R     | 8003180157          | 50-556 Q            | FINFRACK, I R | 8003110545*         | 50-219 P            |
| ENGELKEN, R H   | 8003140377          | 50-344 Q            | FARRIS, J R     | 8003180159*         | 50-556 Q            | FINFRACK, I R | 8003140044          | 50-363 Q            |
| ENGELKEN, R H   | 8003140379          | 50-206 Q            | FASANO, A N     | 8003190161          | 50-320 S            | FINFRACK, I R | 8003200386          | 50-219 P            |
| ENGELKEN, R H   | 8003140380          | 50-312 Q            | FASANO, A N     | 8003280163          | 50-320 S            | FINFRACK, I R | 8003280542          | 50-219 Q            |
| ENGELKEN, R H   | 8003140382          | 50-397 Q            | FASANO, A N     | 8003140134          | 50-320 S            | FINFRACK, I R | 8003260604          | 50-219 S            |
| ENGELKEN, R H   | 8003180017          | 50-133 Q            | FASANO, A N     | 8003280137          | 50-320 S            | FINK, B       | 8003130402*         | 50-3                |
| ENGELKEN, R H   | 8003180018          | 50-344 Q            | FASANO, A N     | 8003280147          | 50-320 S            | FINK, B       | 8003210108          | 50-3 Q              |
| ENGELKEN, R H   | 8003180020          | 50-206 Q            | FAULKENBERRY, B | 8003110219          | 1&E                 | FINKEL, A E   | 8003190920*         | 50-387 Q            |
| ENGELKEN, R H   | 8003180021          | 50-312 Q            | FAULKENBERRY, B | 8003280209          | 50-312 Q            | FINLEY, A O   | 8003070322*         | 50-255 Q            |
| ENGELKEN, R H   | 8003180108          | 50-528 Q            | FAULKENBERRY, B | 8003120672*         | 50-312 Q            | FINLEY, A O   | 8003210345*         | 50-2 Q              |
| ENGELKEN, R H   | 8003180111          | 50-133 Q            | FAULKENBERRY, B | 8003050126*         | 50-206 Q            | FINNAN, C     | 8003210489*         | 50-409 F            |
| ENGELKEN, R H   | 8003180113          | 50-344 Q            | FAULKENBERRY, B | 8003070014*         | 50-312 Q            | FIORRELLI, O  | 8003200496*         | 50-329 Q            |
| ENGELKEN, R H   | 8003180115          | 50-206 Q            | FAY, C W        | 8003050505*         | 50-266 Q            | FIORRELLI, O  | 8003110367          | 50-341 S            |
| ENGELKEN, R H   | 8003180118          | 50-312 Q            | FAY, C W        | 8003050516          | 50-266 P            | FIORRELLI, O  | 8003110360          | 50-546 S            |
| ENGELKEN, R H   | 8003180119          | 50-397 Q            | FAY, C W        | 8003050502          | 50-266 P            | FIORRELLI, O  | 8003250277          | 50-454 Q            |
| ENGELKEN, R H   | 8003260562          | 50-528 Q            | FAY, C W        | 8003060547          | 50-266 R            | FIORRELLI, O  | 8003050093          | 50-546 Q            |
| ENGELKEN, R H   | 8003260564          | 50-275 Q            | FAY, C W        | 8003070357          | 50-266 R            | FIORRELLI, O  | 8003140167          | 50-358 Q            |
| ENGELKEN, R H   | 8003260567          | 50-133 Q            | FAY, C W        | 8003170416          | 50-301 S            | FIORRELLI, O  | 8003050635          | 50-546 Q            |
| ENGELKEN, R H   | 8003260568          | 50-344 Q            | FAY, C W        | 8003170421*         | 50-301 S            | FIORRELLI, O  | 8003120252          | 50-461 Q            |
| ENGELKEN, R H   | 8003260570          | 50-361 Q            | FAY, C W        | 8003310401          | 50-266 Q            | FIORRELLI, O  | 8003200495          | 50-266 Q            |
| ENGELKEN, R H   | 8003260572          | 50-206 Q            | FAY, C W        | 8003180542*         | 50-266 R            | FIORRELLI, O  | 8003200516          | 50-316 Q            |
| ENGELKEN, R H   | 8003260573          | 50-312 Q            | FAY, C W        | 8003110649          | 50-266 Q            | FIORRELLI, O  | 8003200416          | 50-454 Q            |
| ENGELKEN, R H   | 8003260574          | 50-397 Q            | FAY, C W        | 8003180538          | 50-266 R            | FIORRELLI, O  | 8003250039          | 50-546 Q            |
| ENGELKEN, R H   | 8003260569          | 50-528 Q            | FAY, C W        | 8003180914          | 50-301 P            | FIORRELLI, O  | 8003040042          | 50-327 S            |
| ENGELKEN, R H   | 8003260576          | 50-275 Q            | FAY, C W        | 8003200434          | 50-301 S            | FIORRELLI, O  | 8003040048          | 50-327 S            |
| ENGELKEN, R H   | 8003260579          | 50-133 Q            | FAY, C W        | 8003200441*         | 50-301 S            | FIORRELLI, O  | 8003040001          | 50-341 S            |
| ENGELKEN, R H   | 8003260584          | 50-344 Q            | FAY, C W        | 8003180408          | 50-301 Q            | FIORRELLI, O  | 8003040008          | 50-358 S            |
| ENGELKEN, R H   | 8003260588          | 50-206 Q            | FAY, C W        | 8003190573          | 50-266 P            | FIORRELLI, O  | 8003040012          | 50-483 Q            |
| ENGELKEN, R H   | 8003260595          | 50-361 Q            | FEE, W F        | 8003260385          | 50-213 P            | FIORRELLI, O  | 8003040053          | 50-329 S            |
| ENGELKEN, R H   | 8003260597          | 50-312 Q            | FEIERABEND, C D | 8003060652*         | 50-254 S            | FIORRELLI, O  | 8003040056          | 50-341 S            |
| ENGELKEN, R H   | 8003260601          | 50-397 Q            | FEIT, R         | 8003260023          | REVIEW ORP          | FIORRELLI, O  | 8003310414          | 50-295 Q            |
| ENGELKEN, R H   | 8003250141          | 70-984              | FEIT, R         | 8003260481          | REVIEW ORP          | FIORRELLI, O  | 8003310119          | 50-358 Q            |
| ENGELKEN, R H   | 8003250143          | 70-1257             | FEIT, R         | 8003260482*         | REVIEW ORP          | FIORRELLI, O  | 8003310132          | 50-329 Q            |
| ENGELKEN, R H   | 8003250146          | 70-734              | FEIT, R         | 8003260580          | REVIEW ORP          | FIORRELLI, O  | 8003110249          | 50-440 S            |
| ENGELKEN, R H   | 8003250148          | 70-754              | FEIT, R         | 8003260507*         | REVIEW ORP          | FIORRELLI, O  | 8003050654          | 50-329 Q            |
| ENGELKEN, R H   | 8003250151          | 70-25               | FELD, S. E.     | 8003040286          | NUREQ               | FIORRELLI, O  | 8003060753          | 50-155 Q            |
| ENGELKEN, R H   | 8003250153          | 50-528 Q            | FELTON, J M     | 8003030029          | FOIA                | FIORRELLI, O  | 8003070015          | 50-546 S            |
| ENGELKEN, R H   | 8003250155          | 50-133 Q            | FELTON, J M     | 8003120713          | PRM                 | FIORRELLI, O  | 8003070021          | 50-329 S            |
| ENGELKEN, R H   | 8003250158          | 50-344 Q            | FELTON, J M     | 8003060370          | FOIA                | FIORRELLI, O  | 8003190076          | 50-329 S            |
| ENGELKEN, R H   | 8003250159          | 50-206 Q            | FELTON, J M     | 8003280419          | FOIA                | FIORRELLI, O  | 8003190088          | 50-329 S            |
| ENGELKEN, R H   | 8003250161          | 50-312 Q            | FELTON, J M     | 8003210028          | FOIA                | FIORRELLI, O  | 8003310106          | 50-461 Q            |
| ENGELKEN, R H   | 8003250164          | 50-397 Q            | FELTON, J M     | 8003060637          | 50-254 S            | FIORRELLI, O  | 8003310025          | 50-263 Q            |
| ENGELKEN, R H   | 8003260342          | 50-528 Q            | FELTON, J M     | 8003050231          | 50-275 A            | FIORRELLI, O  | 8003190837          | 50-456 Q            |
| ENGELKEN, R H   | 8003260344          | 50-133 Q            | FELTON, J M     | 8003130299          | 40-6264             | FIORRELLI, O  | 8003190666          | 50-546 S            |
| ENGELKEN, R H   | 8003260347          | 50-344 Q            | FELTON, J M     | 8003040665          | FOIA                | FIORRELLI, O  | 8003200533          | 50-546 Q            |
| ENGELKEN, R H   | 8003260351          | 50-206 Q            | FELTON, J M     | 8003190321          | FOIA                | FIORRELLI, O  | 8003250500          | 50-341 S            |

## PERSONAL AUTHOR INDEX

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|----------------|---------------------|---------------------|----------------|---------------------|---------------------|
| FIORILLI, O     | 8003280575          | 50-346 S            | FROST, S R     | 8003170158          | TOPREP              | GIANNELLI, J H | 8003190444*         | FOIA                |
| FIORILLI, O     | 8003280003          | 50-341 S            | FROST, S R     | 8003170343          | 50-255 P            | GIARDINO, T D  | 8003120246*         | 50-327 Q            |
| FIORILLI, O     | 8003280636          | 50-358 Q            | FROST, S R     | 8003170381          | 50-255 P            | GIARDINO, T    | 8003050110*         | 10CFR               |
| FIORILLI, O     | 8003270074          | 50-461 S            | FROST, S R     | 8003250503          | 50-255 Q            | GIARDINO, T R  | 8003280160          | 50-280 Q            |
| FIORILLI, O     | 8003060644*         | 50-294 S            | FRYE, J H      | 8003040292          | NUREG               | GIARDINO, C F  | 8003130630*         | 50-556 H            |
| FIORILLI, O     | 8003060701*         | 50-254 S            | FRYLING, R     | 8003190942*         | 50-272 Q            | GIARDINO, M E  | 8003130201          | 50-329 C            |
| FIRESTONE, E A  | 8003250169          | 70-130B             | FUJITA, T T    | 8003280389*         | 70-8                | GIARDINO, M E  | 8003180272          | 50-556 Q            |
| FISH, R         | 8003280222          | 50-18 S             | FUJITA, T T    | 8003240315*         | 70-8                | GIARDINO, M E  | 8003180272          | 50-556 Q            |
| FISHER, E       | 8003050194          | XPORTLIC            | FULLER, J K    | 8003260561          | 50-267 Q            | GIARDINO, A F  | 8003040118*         | 70-1201             |
| FISHER, C R.    | 8003100197          | TOPREP              | FURBUSH, M H   | 8003280003          | 50-275 Q            | GIARDINO, A F  | 8003120226*         | 50-269 Q            |
| FISHER, W L     | 8003190328          | 1&E                 | FURR, B J      | 8003100026          | 50-324 Q            | GIARDINO, A F  | 8003310445*         | 50-280 Q            |
| FISHER, W L     | 8003200488*         | 50-282 Q            | FURR, B J      | 8003060421          | 50-324 R            | GIARDINO, A F  | 8003280524*         | 50-302 Q            |
| FISHER, W L     | 8003210043*         | 50-255 Q            | FURR, B J      | 8003130189          | 50-324 Q            | GIARDINO, A F  | 8003270259*         | 50-269 Q            |
| FISHER, W L     | 8003310468*         | 50-266 Q            | FURR, B J      | 8003040571          | 50-261 Q            | GIDO, R Q      | 8003100199          | NUREG               |
| FISHER, W L     | 8003190594*         | 50-358 Q            | FUTTER, J L    | 8003060420          | 50-322 Q            | GILBERTS, D E  | 8003120722          | 50-263 P            |
| FISHER, W L     | 8003260336*         | 50-2 Q              | FUTTER, J L    | 8003060437*         | 50-322 Q            | GILBERTS, D E  | 8003130115          | 50-282 Q            |
| FISHER, B       | 8003250480          | 40-8585             | GABRIEL, D     | 8003180214          | PR                  | GILBERTS, D E  | 8003280259          | 50-263 Q            |
| FITTHAN, F J    | 8003200070*         | 50-367 U            | GABDIS, C K    | 8003060097          | 71-6400             | GILBERTS, D E  | 8003270099          | 50-263 Q            |
| FITZGERALD, J A | 8003070277*         | MISC                | GAGLIARDO, J E | 8003280445*         | 50-206 Q            | GILBERTS, D E  | 8003310002          | 50-263 Q            |
| FITZGERALD, J A | 8003050335*         | 50-275 A            | GAGLIARDO, J E | 8003270005*         | 50-255 Q            | GILBERT, J S   | 8003100199          | NUREG               |
| FITZGERALD, J A | 8003050347*         | 50-275 A            | GAHM, J W      | 8003170274*         | 50-267 R            | GILBERT, L D   | 8003200045*         | 50-445 Q            |
| FITZGERALD, J A | 8003250182*         | 10CFR               | GAHM, J W      | 8003170430*         | 50-267 S            | GILBERT, L D   | 8003180073*         | 50-445 Q            |
| FLECK, H W      | 8003190408*         | FOIA                | GAHM, J W      | 8003250533*         | 50-267 S            | GILINSKY, V    | 8003280289*         | 50-289 H            |
| FLECK, H W      | 8003190389*         | FOIA                | GAHM, J W      | 8003250555*         | 50-267 S            | GILINSKY, V    | 8003280400          | 50-320 H            |
| FLEISHER, Z S   | 8003130096          | PR                  | GAHM, J W      | 8003310357*         | 50-267 S            | GILLESPIE, F P | 8003070096*         | 50-276 Q            |
| FLEISHER, Z S   | 8003130083          | PR                  | GAHM, J W      | 8003310378*         | 50-267 S            | GILLESPIE, F P | 8003240556*         | 70-1151             |
| FLEISCHAKER, D  | 8003120163*         | 70-143              | GAHM, J W      | 8003250502*         | 50-267 S            | GILLESPIE, F P | 8003210040*         | 70-143              |
| FLEISCHAKER, D  | 8003120163*         | 70-143              | GAHM, J W      | 8003250537*         | 50-267 S            | GILLESPIE, F P | 8003110216*         | 50-250 Q            |
| FLEISCHAKER, D  | 8003120163*         | 70-143              | GAHM, J W      | 8003310334*         | 50-267 S            | GILLESPIE, F P | 8003310263*         | 70-27               |
| FLEISCHAKER, D  | 8003250465          | 50-275 Q            | GALLAGHER, M P | 8003130048*         | 50-275 H            | GILLESPIE, F P | 8003190854*         | 70-1201             |
| FLEMING, W M    | 8003190008          | WASTE MGT           | GALLAHER, B    | 8003170080          | WASTE MGT           | GILLESPIE, F P | 8003070309*         | 70-1151             |
| FLORES, F D     | 8003130419          | MISC                | GALLAHER, R J  | 8003250390          | NUREG               | GILLEN, D M    | 8003040158          | 40-4492             |
| FLOYD, L        | 8003280492*         | 50-482 Q            | GALLAHER, E J  | 8003310145*         | 50-329 Q            | GILLEN, D M    | 8003050183          | 40-4492             |
| FLYNN, P Q      | 8003200297*         | 50-445 H            | GALLINA, C O   | 8003140092*         | 50-77 Q             | GILLEN, D M    | 8003240221          | 40-6659             |
| FLYNN, P Q      | 8003250203          | 50-445 H            | GALLINA, C O   | 8003030049*         | MISC                | GILLEN, D M    | 8003250582          | 40-4492             |
| FLYNN, M J      | 8003050120          | CONTRACT            | GALLO, J       | 8002250057          | 50-556 Q            | GILLEN, D M    | 8003270349          | 40-8675             |
| FOLEY, T        | 8003190870*         | 50-271 Q            | GALLO, J       | 8003030161          | 50-155 Q            | GILLEN, D M    | 8003250128*         | 40-8698             |
| FOLEY, T        | 8003190886*         | 50-29 Q             | GALLO, J       | 8003200227          | 50-155 Q            | GINO, R        | 8003130053*         | 50-275 H            |
| FOLEY, T        | 8003280279*         | 50-334 Q            | GALLO, J       | 8003240491          | 50-556 Q            | GIORDANO, T    | 8003130448*         | 40-6264             |
| FOLEY, T        | 8003190425          | 50-29 S             | GALLO, J       | 8003270263          | 50-155 Q            | GLASBERG, V M  | 8003200313          | FOIA                |
| FOLEY, T        | 8003190435          | 50-29 S             | GALLO, J       | 8003180272          | 50-556 Q            | GLASIER, G E   | 8003060047          | 40-8675             |
| FOOTE, R C      | 8003040095*         | CONTRACT            | GALLO, J       | 8003310123          | 50-155 Q            | GLASSPTEGEL, H | 8003030105          | 50-289 Q            |
| FORD, B E       | 8003100037*         | 50-275 H            | GALLO, J       | 8003310126*         | 50-155 Q            | GLASSPTEGEL, H | 8003060255*         | 50-289 Q            |
| FORD, F F       | 8003210319          | TOPREP              | GALLO, J       | 8003130119          | 50-155 Q            | GLASSPTEGEL, H | 8003060255*         | 50-289 Q            |
| FORD, W H       | 8003040084          | 40-8502             | GALLO, J       | 8003030167*         | 50-155 Q            | GLEN, J        | 8003060515*         | 50-568 U            |
| FORD, W H       | 8003120737          | 40-8502             | GALLO, J       | 8003270263          | 50-155 Q            | GLOVER, F A    | 8003120450*         | 50-267 R            |
| FORD, W H       | 8003240168          | 40-8502             | GALLO, J       | 8003310126*         | 50-155 Q            | GLOVER, F A    | 8003130608*         | 50-320 Q            |
| FORD, W H       | 8003280144          | 40-8502             | GALLO, J       | 8003180272          | 50-556 Q            | GLOVER, R J    | 8003190189          | 50-367 Q            |
| FORD, W H       | 8003120731          | 40-8502             | GAMMILL, A M   | 8003130509*         | 40-6264             | GODDARD, R J   | 8003280656*         | WASTE MGT           |
| FORD, W H       | 8003190828          | 40-8502             | GAMMILL, A M   | 8003130512*         | 40-6264             | GODDARD, R J   | 8003280656*         | CONTRACT            |
| FORD, W H       | 8003190797          | 40-8502             | GAMMILL, A M   | 8003130494*         | 40-6264             | GOLDEN, J      | 8003030073          | 50-367 Q            |
| FORD, E J       | 8003190557*         | 50-390 Q            | GAMMILL, W P   | 8003190118          | 50-309 H            | GOLDEN, J      | 8003190097          | 50-230 Q            |
| FORTE, T P      | 8003140122          | NUREG               | GAMMILL, W P   | 8003030041*         | 70-371              | GOLDEN, J      | 8003130207          | 50-367 Q            |
| FOSTER, S       | 8003120369          | 50-556 Q            | GANNIS, B J    | 8003190043          | FOIA                | GOLDEN, J      | 8003060512          | PROJ                |
| FOSTER, H       | 8003240259          | 70-1151             | GANT, J        | 8003060464          | PR                  | GOLDEN, J      | 7910300474*         | MISC                |
| FOSTER, L E     | 8003270005*         | 50-255 Q            | GARCIA, P J    | 8003110021          | 40-1162             | GOLDEN, J      | 8003130677*         | 50-320 Q            |
| FOUCHARD, J J   | 8003110313*         | 10CFR               | GARCIA, P J    | 8003110154          | 40-8452             | GOLDMAN, H L   | 8003120329*         | 50-409 P            |
| FOULSHAM, P A   | 8003030323          | 50-293 J            | GARRITT, E O   | 8003140126*         | 50-320 H            | GOLDMAN, K     | 8003260096          | 71-250              |
| FRACKS, S       | 8003060729          | 50-387 Q            | GARRITY, J H   | 8003240119          | 50-309 P            | GOLD, R L      | 8003210031*         | FOIA                |
| FRALEY, R F     | 8003190177          | ACRB                | GARY, R J      | 8003120706          | 50-445 Q            | GOLLER, K R    | 8003200251*         | 50-155 Q            |
| FRALEY, R F     | 8003250190*         | 10CFR               | GARY, R J      | 8003190070          | 50-445 S            | GODD, R L      | 8003280363*         | CONTRACT            |
| FRAMPTON, G Y   | 8003270133          | 50-320 P            | GARY, R J      | 8003190073          | 50-445 S            | GODDHOPE, A C  | 8003110294          | 70-130B             |
| FRAMPTON, G T   | 8003270141*         | 50-320 P            | GARY, R J      | 8003200619*         | 50-445 Q            | GODDWIN, L S   | 8003110654*         | 71-409 R            |
| FRANCIS, J E    | 8003260083*         | FOIA                | GARY, R J      | 8003050292          | 50-445 K            | GODDWIN, L S   | 8003180513*         | 50-409 S            |
| FRANKLIN, W J   | 8003260454          | 50-445 H            | GARY, R J      | 8003180389          | 50-445 A            | GODDWIN, W L   | 8003050161          | 70-1151             |
| FRANKLIN, W J   | 8003250328          | 50-445 H            | GARY, R J      | 8003180309          | 50-445 A            | GODDWIN, C     | 8003280119          | 50-344 Q            |
| FRANKLIN, W J   | 8003250335*         | 50-445 H            | GAY, O M       | 8003040697          | 50-445 Q            | GODDWIN, C     | 8003100055          | 50-344 Q            |
| FRANKLIN, W J   | 8003250337*         | 50-445 H            | GAY, O M       | 8003040705*         | 50-445 Q            | GODDWIN, C     | 8003120703          | 50-344 Q            |
| FRANKLIN, W J   | 8003250346*         | 50-445 H            | GAY, O M       | 8003190383*         | 50-445 Q            | GODDWIN, C     | 8003190513*         | 50-344 Q            |
| FREDERICK, E J  | 8003260430          | RES                 | GAY, O M       | 8003040697          | 50-445 Q            | GODDWIN, C     | 8003030347          | 50-344 P            |
| FRENCH, L D     | 8003040568*         | 50-29 S             | GAY, O M       | 8003040705*         | 50-445 Q            | GODDWIN, C     | 8003040506          | 50-344 P            |
| FREY, B         | 8003240500          | 50-367 Q            | GEHR, A C      | 8003280003          | 50-275 Q            | GODDWIN, C     | 8003040557          | 50-344 P            |
| FRIEDMAN, F     | 8003070383          | PR                  | GEHR, A C      | 8003280003          | 50-275 Q            | GODDWIN, C     | 8003050446          | 50-344 Q            |
| FRIED, S        | 8003180202          | PR                  | GEIER, J D     | 8003180583          | 50-461 A            | GODDWIN, C     | 8003050471          | 50-344 R            |
| FRIED, S M      | 8003110041          | PR                  | GEIGER, E L    | 8003190570*         | FOIA                | GODDWIN, C     | 8003280054          | 50-344 Q            |
| FRIED, S M      | 8003110052          | PR                  | GEIGER, E      | 8003190563*         | FOIA                | GODDWIN, C     | 8003110540          | 50-344 P            |
| FRIZZLE, C D    | 8003070337*         | 50-309 S            | GEIGER, E L    | 8003190555*         | FOIA                | GODDWIN, C     | 8003110519          | 50-344 P            |
| FRIZZLE, C D    | 8003280507*         | 50-309 S            | GEIGER, E L    | 8003050429          | REOGD               | GODDWIN, C     | 8003110617          | 50-344 P            |
| FRIZZLE, C D    | 8003310306*         | 50-309 S            | GEISLER, A H   | 8003240644          | REOGD               | GODDWIN, C     | 8003170334          | 50-344 Q            |
| FRÖELICH, R H   | 8003240025          | 50-483 H            | GERETY, H F    | 8003030315          | 50-219 J            | GODDWIN, C     | 8003250574          | 50-344 P            |
| FROST, S R      | 8003030304          | 50-255 P            | GERETY, H F    | 8003110804          | 50-259 J            | GODDWIN, C     | 8003250588          | 50-344 F            |
| FROST, S R      | 8003030311          | 50-255 Q            | GERTZ, B M     | 8003280543          | 50-320 R            | GOPPEL, M      | 8003130024          | XPORTLIC            |
| FROST, S R      | 8003040550          | 50-255 P            | GETTY, B C     | 8003170418*         | 50-133 R            | GOPPEL, M      | 8003140067          | XPORTLIC            |
| FROST, S R      | 8003060522          | 50-255 Q            | GETTY, B C     | 8003180562*         | 50-133 S            | GOPPEL, M      | 8003190014          | XPORTLIC            |
| FROST, S R      | 8003140240          | 50-255 P            | GIAMBUESO, A   | 8003050316*         | 50-275 A            | GORDON, R H    | 8003190501*         | 50-320 H            |

# PERSONAL AUTHOR INDEX

39

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR       | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR       | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|--------------|------------------|------------------|--------------|------------------|------------------|
| GOSSICK, L. V. | 7906290605       | MISC             | GRIER, B. H. | 8003040103       | 50-208 Q         | GRIER, B. H. | 8003180271       | 50-317           |
| GOSSICK, L. V. | 7907200298       | PR               | GRIER, B. H. | 8003130052       | 50-293 Q         | GRIER, B. H. | 8003180273       | 50-3             |
| GOSSICK, L. V. | 8003260484       | SECY             | GRIER, B. H. | 8003130055       | 50-334 Q         | GRIER, B. H. | 8003180274       | 50-213           |
| GOSSICK, L. V. | 8003060501       | MISC             | GRIER, B. H. | 8003130057       | 50-317 Q         | GRIER, B. H. | 8003180276       | 50-334           |
| GOUGE, M. J.   | 8003190632*      | 50-327 Q         | GRIER, B. H. | 8003130059       | 50-247 Q         | GRIER, B. H. | 8003180278       | 50-219           |
| GOUGE, M. J.   | 8003050288*      | 50-390 Q         | GRIER, B. H. | 8003130060       | 50-289 Q         | GRIER, B. H. | 8003180280       | 50-320           |
| GOHMAN, J. H.  | 8003130331*      | 40-6264          | GRIER, B. H. | 8003130061       | 50-309 Q         | GRIER, B. H. | 8003180282       | 50-309           |
| GOHMAN, J. H.  | 8003130319*      | 40-6264          | GRIER, B. H. | 8003130064       | 50-336 Q         | GRIER, B. H. | 8003180284       | 50-245           |
| GOHMAN, J. H.  | 8003130311*      | 40-6264          | GRIER, B. H. | 8003130066       | 50-220 Q         | GRIER, B. H. | 8003180285       | 50-220           |
| GOHNER, Q.     | 8003050376       | I&E              | GRIER, B. H. | 8003130067       | 50-333 Q         | GRIER, B. H. | 8003180289       | 50-286           |
| GOHNER, Q.     | 8003170163       | 50-293 S         | GRIER, B. H. | 8003130070       | 50-286 Q         | GRIER, B. H. | 8003180291       | 50-333           |
| GOHNER, Q. C.  | 8003170171       | 50-344 S         | GRIER, B. H. | 8003130072       | 50-277 Q         | GRIER, B. H. | 8003180292       | 50-277           |
| GOHNER, Q.     | 8003050380       | I&E              | GRIER, B. H. | 8003130074       | 50-272 Q         | GRIER, B. H. | 8003180294       | 50-272           |
| GOHNER, Q. C.  | 7910250451       | MISC             | GRIER, B. H. | 8003130075       | 50-271 Q         | GRIER, B. H. | 8003180295       | 50-244           |
| GRABOWSKI, A.  | 8003130210       | 50-367 Q         | GRIER, B. H. | 8003030613       | 50-320 Q         | GRIER, B. H. | 8003180298       | 50-271           |
| GRAHAM, R. L.  | 8003190611       | 50-367 Q         | GRIER, B. H. | 8003200489       | 50-334 Q         | GRIER, B. H. | 8003180299       | 50-29            |
| GRAHAM, B.     | 8003130271       | State Prog       | GRIER, B. H. | 8003250186       | 70-1100          | GRIER, B. H. | 8003180304       | 50-293           |
| GRAHAM, W. E.  | 8003070280       | 50-324 J         | GRIER, B. H. | 8003060029       | 50-286           | GRIER, B. H. | 8003180306       | 50-317           |
| GRAHAM, W. E.  | 8003070287       | 50-261 J         | GRIER, B. H. | 8003040092       | 50-272 Q         | GRIER, B. H. | 8003180309       | 50-3             |
| GRAHAM, W. E.  | 8003070292       | 50-324 J         | GRIER, B. H. | 8003060278       | 50-213 P         | GRIER, B. H. | 8003180330       | 50-213           |
| GRAHAM, W. E.  | 8003070382       | 50-261 J         | GRIER, B. H. | 8003050256       | 50-293 Q         | GRIER, B. H. | 8003180333       | 50-334           |
| GRAHAM, P. D.  | 8003050112*      | 50-245 Q         | GRIER, B. H. | 8003060022       | 50-443 H         | GRIER, B. H. | 8003180335       | 50-219           |
| GRAVES, R. H.  | 8003180122       | 50-213 S         | GRIER, B. H. | 8003100049       | 50-320 Q         | GRIER, B. H. | 8003180337       | 50-320           |
| GRAVES, R. H.  | 8003050414       | 50-213 S         | GRIER, B. H. | 8003140194       | 50-225 P         | GRIER, B. H. | 8003180341       | 50-309           |
| GRAVES, R. H.  | 8003060891       | 50-213 S         | GRIER, B. H. | 8003140037       | 50-277 Q         | GRIER, B. H. | 8003180344       | 50-245           |
| GRAVES, R. H.  | 8003070389       | 50-213 R         | GRIER, B. H. | 8003190714       | 70-135           | GRIER, B. H. | 8003180347       | 50-220           |
| GRAVES, R. H.  | 8003110458       | 50-213 S         | GRIER, B. H. | 8003140078       | 50-293 Q         | GRIER, B. H. | 8003180348       | 50-333           |
| GRAVES, R. H.  | 8003170257       | 50-213 R         | GRIER, B. H. | 8003140083       | 50-317 Q         | GRIER, B. H. | 8003180351       | 50-286           |
| GRAVES, R. H.  | 8003260609       | 50-213 R         | GRIER, B. H. | 8003140085       | 50-3 Q           | GRIER, B. H. | 8003180352       | 50-277           |
| GRAVES, R. H.  | 8003310276       | 50-213 S         | GRIER, B. H. | 8003140087       | 50-213 Q         | GRIER, B. H. | 8003180353       | 50-272           |
| GRAVES, R. H.  | 8003310333       | 50-213 S         | GRIER, B. H. | 8003140090       | 50-334 Q         | GRIER, B. H. | 8003180355       | 50-311           |
| GRAY, R.       | 8003240099*      | 50-546 Q         | GRIER, B. H. | 8003140095       | 50-219 Q         | GRIER, B. H. | 8003180357       | 50-244           |
| GRAY, J. R.    | 8003040689       | 50-344 Q         | GRIER, B. H. | 8003140097       | 50-320 Q         | GRIER, B. H. | 8003180359       | 50-271           |
| GRAY, J. R.    | 8003040661*      | 50-344 Q         | GRIER, B. H. | 8003140100       | 50-309 Q         | GRIER, B. H. | 8003180361       | 50-29            |
| GRAY, J. R.    | 8003270506       | 50-344 Q         | GRIER, B. H. | 8003140104       | 50-245 Q         | GRIER, B. H. | 8003190237       | 50-293           |
| GRAY, J. R.    | 8003280529       | 50-344 Q         | GRIER, B. H. | 8003140107       | 50-220 Q         | GRIER, B. H. | 8003190240       | 50-317           |
| GRAYSON, Q. W. | 8003260101*      | FOIA             | GRIER, B. H. | 8003140108       | 50-333 Q         | GRIER, B. H. | 8003190242       | 50-3             |
| GREEN, A.      | 8003190933*      | 71-365           | GRIER, B. H. | 8003140113       | 50-286 Q         | GRIER, B. H. | 8003190243       | 50-213           |
| GREEN, D. Q.   | 8003200310*      | 50-445 H         | GRIER, B. H. | 8003140118       | 50-277 Q         | GRIER, B. H. | 8003190246       | 50-334           |
| GREEN, D. E.   | 8003310156       | 71-364           | GRIER, B. H. | 8003140121       | 50-272 Q         | GRIER, B. H. | 8003190247       | 50-412           |
| GREEN, D. E.   | 8003310158*      | 71-364           | GRIER, B. H. | 8003140123       | 50-311 Q         | GRIER, B. H. | 8003190250       | 50-363           |
| GREEN, D. Q.   | 8003030137       | 50-445 H         | GRIER, B. H. | 8003140125       | 50-244 Q         | GRIER, B. H. | 8003190253       | 50-219           |
| GREEN, D. Q.   | 8003060238       | 50-445 H         | GRIER, B. H. | 8003140127       | 50-271 Q         | GRIER, B. H. | 8003190254       | 50-322           |
| GREEN, D. Q.   | 8003040271       | 50-445 H         | GRIER, B. H. | 8003140129       | 50-29 Q          | GRIER, B. H. | 8003190258       | 50-320           |
| GREEN, D. Q.   | 8003200256       | 50-445 H         | GRIER, B. H. | 8003120439       | 50-293 Q         | GRIER, B. H. | 8003190259       | 50-309           |
| GREENE, T. A.  | 8003070340       | 50-312 Q         | GRIER, B. H. | 8003120445       | 50-317 Q         | GRIER, B. H. | 8003190263       | 50-245           |
| GREGORY, B. M. | 8003180613       | TOPREP           | GRIER, B. H. | 8003120447       | 50-3 Q           | GRIER, B. H. | 8003190264       | 50-220           |
| GREGORY, W. S. | 8003260690       | RES              | GRIER, B. H. | 8003120449       | 50-213 Q         | GRIER, B. H. | 8003190267       | 50-410           |
| GREGORY, W. S. | 8003260652       | RES              | GRIER, B. H. | 8003120451       | 50-334 Q         | GRIER, B. H. | 8003190270       | 50-286           |
| GREGOR, L. R.  | 8003310468*      | 50-246 Q         | GRIER, B. H. | 8003120452       | 50-412 Q         | GRIER, B. H. | 8003190271       | 50-333           |
| GRIEM, M. L.   | 8003100234       | PR               | GRIER, B. H. | 8003120453       | 50-363 Q         | GRIER, B. H. | 8003190274       | 50-352           |
| GRIER, D. H.   | 7907180447       | MISC             | GRIER, B. H. | 8003120454       | 50-219 Q         | GRIER, B. H. | 8003190275       | 50-277           |
| GRIER, B. H.   | 8003050259*      | 50-293 Q         | GRIER, B. H. | 8003120456       | 50-322 Q         | GRIER, B. H. | 8003190277       | 50-387           |
| GRIER, B. H.   | 8003200500*      | 50-334 Q         | GRIER, B. H. | 8003120457       | 50-320 Q         | GRIER, B. H. | 8003190279       | 50-272           |
| GRIER, B. H.   | 8003100058*      | 50-320 Q         | GRIER, B. H. | 8003120459       | 50-309 Q         | GRIER, B. H. | 8003190283       | 50-311           |
| GRIER, D. H.   | 8003060651       | 50-293 Q         | GRIER, B. H. | 8003120530       | 50-245 Q         | GRIER, B. H. | 8003190286       | 50-443           |
| GRIER, B. H.   | 8003060654       | 50-317 Q         | GRIER, B. H. | 8003120532       | 50-410 Q         | GRIER, B. H. | 8003190287       | 50-485           |
| GRIER, B. H.   | 8003060655       | 50-3 Q           | GRIER, B. H. | 8003120535       | 50-220 Q         | GRIER, B. H. | 8003190292       | 50-244           |
| GRIER, B. H.   | 8003060657       | 50-213 Q         | GRIER, B. H. | 8003120538       | 50-286 Q         | GRIER, B. H. | 8003190295       | 50-271           |
| GRIER, B. H.   | 8003060658       | 50-334 Q         | GRIER, B. H. | 8003120541       | 50-333 Q         | GRIER, B. H. | 8003190299       | 50-29            |
| GRIER, B. H.   | 8003060659       | 50-219 Q         | GRIER, B. H. | 8003120544       | 50-277 Q         | GRIER, B. H. | 8003260243       | 50-412           |
| GRIER, B. H.   | 8003060662       | 50-322 Q         | GRIER, B. H. | 8003120546       | 50-352 Q         | GRIER, B. H. | 8003260246       | 50-334           |
| GRIER, B. H.   | 8003060664       | 50-289 Q         | GRIER, B. H. | 8003120550       | 50-387 Q         | GRIER, B. H. | 8003260265       | 50-213           |
| GRIER, B. H.   | 8003060667       | 50-309 Q         | GRIER, B. H. | 8003120553       | 50-311 Q         | GRIER, B. H. | 8003260273       | 50-3             |
| GRIER, B. H.   | 8003060670       | 50-245 Q         | GRIER, B. H. | 8003120556       | 50-272 Q         | GRIER, B. H. | 8003260276       | 50-317           |
| GRIER, B. H.   | 8003060676       | 50-220 Q         | GRIER, B. H. | 8003120558       | 50-443 Q         | GRIER, B. H. | 8003260280       | 50-293           |
| GRIER, B. H.   | 8003060681       | 50-286 Q         | GRIER, B. H. | 8003120562       | 50-485 Q         | GRIER, B. H. | 8003260283       | 50-219           |
| GRIER, B. H.   | 8003060685       | 50-171 Q         | GRIER, B. H. | 8003120564       | 50-244 Q         | GRIER, B. H. | 8003260284       | 50-363           |
| GRIER, B. H.   | 8003060716       | 50-387 Q         | GRIER, B. H. | 8003120566       | 50-271 Q         | GRIER, B. H. | 8003260291       | 50-322           |
| GRIER, B. H.   | 8003060721       | 50-272 Q         | GRIER, B. H. | 8003120568       | 50-29 Q          | GRIER, B. H. | 8003260306       | 50-320           |
| GRIER, B. H.   | 8003060760       | 50-244 Q         | GRIER, B. H. | 8003140353       | 50-293 Q         | GRIER, B. H. | 8003260310       | 50-309           |
| GRIER, B. H.   | 8003060762       | 50-271 Q         | GRIER, B. H. | 8003140356       | 50-317 Q         | GRIER, B. H. | 8003260317       | 50-245           |
| GRIER, B. H.   | 8003060765       | 50-29 Q          | GRIER, B. H. | 8003140359       | 50-3 Q           | GRIER, B. H. | 8003260322       | 50-220           |
| GRIER, B. H.   | 8003040098*      | 50-272 Q         | GRIER, B. H. | 8003140362       | 50-334 Q         | GRIER, B. H. | 8003260326       | 50-410           |
| GRIER, B. H.   | 8003060100       | 50-219 H         | GRIER, B. H. | 8003140370       | 50-289 Q         | GRIER, B. H. | 8003260330       | 50-333           |
| GRIER, B. H.   | 8003060118       | 50-244 H         | GRIER, B. H. | 8003140371       | 50-309 Q         | GRIER, B. H. | 8003260332       | 50-286           |
| GRIER, B. H.   | 8003060123       | 50-213 H         | GRIER, B. H. | 8003140378       | 50-336 Q         | GRIER, B. H. | 8003260335       | 50-352           |
| GRIER, B. H.   | 8003060131       | 50-220 H         | GRIER, B. H. | 8003140381       | 50-220 Q         | GRIER, B. H. | 8003260340       | 50-277           |
| GRIER, B. H.   | 8003060141       | 50-333 H         | GRIER, B. H. | 8003140384       | 50-286 Q         | GRIER, B. H. | 8003260343       | 50-387           |
| GRIER, B. H.   | 8003060148       | 50-3 H           | GRIER, B. H. | 8003140385       | 50-333 Q         | GRIER, B. H. | 8003260360       | 50-311           |
| GRIER, B. H.   | 8003040124       | 50-77 Q          | GRIER, B. H. | 8003140389       | 50-277 Q         | GRIER, B. H. | 8003260362       | 50-272           |
| GRIER, B. H.   | 8003060157       | 50-286 H         | GRIER, B. H. | 8003140390       | 50-272 Q         | GRIER, B. H. | 8003260363       | 50-443           |
| GRIER, B. H.   | 8003130080       | 50-334 Q         | GRIER, B. H. | 8003140391       | 50-271 Q         | GRIER, B. H. | 8003260366       | 50-244           |
| GRIER, B. H.   | 8003030001       | 50-317 Q         | GRIER, B. H. | 8003280253       | 50-334 Q         | GRIER, B. H. | 8003260367       | 50-485           |
| GRIER, B. H.   | 8003040004       | 50-320 P         | GRIER, B. H. | 8003180267       | 50-293 Q         | GRIER, B. H. | 8003260371       | 50-271           |

## PERSONAL AUTHOR INDEX

| AUTHOR     | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR     | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------|------------------|------------------|------------|------------------|------------------|---------------|------------------|------------------|
| ORIER, B H | 8003260375       | 50-29 Q          | ORIER, B H | 8003250308       | 50-363 Q         | HAASS, W P    | 8003170132       | TOPREP           |
| ORIER, B H | 8003260378       | 50-293 Q         | ORIER, B H | 8003250310       | 50-219 Q         | HAASS, W P    | 8003190019       | TOPREP           |
| ORIER, B H | 8003260380       | 50-317 Q         | ORIER, B H | 8003250322       | 50-322 Q         | HAASS, W P    | 8003240627       | TOPREP           |
| ORIER, B H | 8003260382       | 50-3 Q           | ORIER, B H | 8003250329       | 50-320 Q         | HADLEY, D H   | 8003110612*      | 50-361 A         |
| ORIER, B H | 8003260383       | 50-213 Q         | ORIER, B H | 8003250331       | 50-309 Q         | HAERA, T      | 8003170397*      | 50-254 S         |
| ORIER, B H | 8003260386       | 50-334 Q         | ORIER, B H | 8003250334       | 50-245 Q         | HAER, F D     | 8003240444       | 50-269 Q         |
| ORIER, B H | 8003260389       | 50-412 Q         | ORIER, B H | 8003250336       | 50-410 Q         | HAGA, P B     | 8003280531       | 50-437 A         |
| ORIER, B H | 8003260391       | 50-219 Q         | ORIER, B H | 8003250337       | 50-220 Q         | HAGAN, T F    | 8003040068       | CONTRACT         |
| ORIER, B H | 8003260393       | 50-363 Q         | ORIER, B H | 8003250340       | 50-353 Q         | HAGAN, T F    | 8003040257       | CONTRACT         |
| ORIER, B H | 8003260396       | 50-322 Q         | ORIER, B H | 8003250341       | 50-286 Q         | HAGAN, T F    | 8003040201       | CONTRACT         |
| ORIER, B H | 8003260400       | 50-289 Q         | ORIER, B H | 8003250345       | 50-277 Q         | HAGAN, T F    | 8003040099       | CONTRACT         |
| ORIER, B H | 8003260428       | 50-320 Q         | ORIER, B H | 8003250356       | 50-352 Q         | HAER, B B     | 8003050172*      | 70-2623          |
| ORIER, B H | 8003260431       | 50-309 Q         | ORIER, B H | 8003250358       | 50-387 Q         | HAGEY, H      | 8003190382       | CONTRACT         |
| ORIER, B H | 8003260433       | 50-245 Q         | ORIER, B H | 8003250360       | 50-272 Q         | HAGEY, H      | 8003190282       | CONTRACT         |
| ORIER, B H | 8003260435       | 50-220 Q         | ORIER, B H | 8003250361       | 50-311 Q         | HAGEY, H      | 8003260034       | CONTRACT         |
| ORIER, B H | 8003260437       | 50-410 Q         | ORIER, B H | 8003250364       | 50-443 Q         | HAGEY, H      | 8003310482       | CONTRACT         |
| ORIER, B H | 8003260441       | 50-333 Q         | ORIER, B H | 8003250365       | 50-244 Q         | HAGEY, H      | 8003280390       | CONTRACT         |
| ORIER, B H | 8003260442       | 50-286 Q         | ORIER, B H | 8003250367       | 50-485 Q         | HAGEY, H      | 8003280653       | CONTRACT         |
| ORIER, B H | 8003260444       | 50-352 Q         | ORIER, B H | 8003250368       | 50-193 Q         | HAGWOOD, W C  | 8003310426       | 70-8             |
| ORIER, B H | 8003260446       | 50-277 Q         | ORIER, B H | 8003250369       | 50-271 Q         | HAIGHT, O     | 8002250529       | 50-327 A         |
| ORIER, B H | 8003260450       | 50-311 Q         | ORIER, B H | 8003250372       | 50-29 Q          | HAIRSTON, W Q | 8003050020*      | 50-348 S         |
| ORIER, B H | 8003260452       | 50-272 Q         | ORIER, B H | 8003250374       | 50-293 Q         | HAIRSTON, W Q | 8003050026*      | 50-348 S         |
| ORIER, B H | 8003260454       | 50-387 Q         | ORIER, B H | 8003250376       | 50-317 Q         | HAIRSTON, W Q | 8003050032*      | 50-348 S         |
| ORIER, B H | 8003260458       | 50-443 Q         | ORIER, B H | 8003250378       | 50-3 Q           | HAIRSTON, W Q | 8003050040*      | 50-348 S         |
| ORIER, B H | 8003260460       | 50-244 Q         | ORIER, B H | 8003250379       | 50-213 Q         | HAIRSTON, W Q | 8003050043*      | 50-348 S         |
| ORIER, B H | 8003260461       | 50-485 Q         | ORIER, B H | 8003250380       | 50-412 Q         | HAIRSTON, W Q | 8003050055*      | 50-348 S         |
| ORIER, B H | 8003260463       | 50-271 Q         | ORIER, B H | 8003250382       | 50-334 Q         | HAIRSTON, W Q | 8003050063*      | 50-348 S         |
| ORIER, B H | 8003260465       | 50-29 Q          | ORIER, B H | 8003250383       | 50-219 Q         | HAIRSTON, W Q | 8003190462*      | 50-348 R         |
| ORIER, B H | 8003260110       | 50-293 Q         | ORIER, B H | 8003250385       | 50-363 Q         | HAIRSTON, W Q | 8003170301       | 50-348 V         |
| ORIER, B H | 8003260113       | 50-317 Q         | ORIER, B H | 8003250386       | 50-322 Q         | HAIRSTON, W Q | 8003240515*      | 50-348 S         |
| ORIER, B H | 8003260117       | 50-3 Q           | ORIER, B H | 8003250387       | 50-320 Q         | HAIRSTON, W Q | 8003240521*      | 50-348 S         |
| ORIER, B H | 8003260119       | 50-213 Q         | ORIER, B H | 8003250388       | 50-309 Q         | HAIRSTON, W Q | 8003240528*      | 50-348 S         |
| ORIER, B H | 8003260121       | 50-334 Q         | ORIER, B H | 8003250389       | 50-245 Q         | HAIRSTON, W Q | 8003310375*      | 50-348 S         |
| ORIER, B H | 8003260125       | 50-412 Q         | ORIER, B H | 8003250390       | 50-410 Q         | HAIST, D P    | 8003040693*      | 50-275 Q         |
| ORIER, B H | 8003260126       | 50-219 Q         | ORIER, B H | 8003250391       | 50-220 Q         | HALE, M E     | 8003170096       | PR               |
| ORIER, B H | 8003260129       | 50-363 Q         | ORIER, B H | 8003250392       | 50-286 Q         | HALE, C J     | 8003140227*      | QA999            |
| ORIER, B H | 8003260132       | 50-322 Q         | ORIER, B H | 8003250393       | 50-333 Q         | HALL, W C     | 8003210050*      | 71-46            |
| ORIER, B H | 8003260135       | 50-289 Q         | ORIER, B H | 8003250394       | 50-277 Q         | HALL, R E     | 8003170296       | TOPREP           |
| ORIER, B H | 8003260137       | 50-320 Q         | ORIER, B H | 8003250395       | 50-352 Q         | HALL, R E     | 8003170310       | TOPREP           |
| ORIER, B H | 8003260138       | 50-309 Q         | ORIER, B H | 8003250396       | 50-387 Q         | HALL, R E     | 8003170286       | TOPREP           |
| ORIER, B H | 8003260141       | 50-245 Q         | ORIER, B H | 8003250397       | 50-311 Q         | HALL, R E     | 8003170293       | 50-213 F         |
| ORIER, B H | 8003260143       | 50-220 Q         | ORIER, B H | 8003250398       | 50-272 Q         | HALL, R E     | 8003170355       | 50-213 F         |
| ORIER, B H | 8003260147       | 50-410 Q         | ORIER, B H | 8003250399       | 50-443 Q         | HALL, R E     | 8003170443       | 50-336 F         |
| ORIER, B H | 8003260150       | 50-286 Q         | ORIER, B H | 8003250400       | 50-485 Q         | HALL, R E     | 8003050363       | 50-317 F         |
| ORIER, B H | 8003260152       | 50-333 Q         | ORIER, B H | 8003250401       | 50-244 Q         | HALL, R E     | 8003050367       | 50-263 F         |
| ORIER, B H | 8003260154       | 50-277 Q         | ORIER, B H | 8003250402       | 50-271 Q         | HALL, R E     | 8003050424       | 50-237 F         |
| ORIER, B H | 8003260159       | 50-352 Q         | ORIER, B H | 8003250403       | 50-29 Q          | HALL, R E     | 8003050475       | 50-309 F         |
| ORIER, B H | 8003260162       | 50-387 Q         | ORIER, B H | 8003250404       | 50-443 Q         | HALL, R E     | 8003050478       | 50-263 F         |
| ORIER, B H | 8003260165       | 50-311 Q         | ORIER, B H | 8003250405       | PR               | HALL, R E     | 8003140003       | 50-317 F         |
| ORIER, B H | 8003260168       | 50-272 Q         | ORIER, B H | 8003250406       | NUREQ            | HALL, R E     | 8003170420       | TOPREP           |
| ORIER, B H | 8003260169       | 50-443 Q         | ORIER, B H | 8003250407       | REQDD            | HALL, R E     | 8003110546       | 50-317 F         |
| ORIER, B H | 8003260172       | 50-485 Q         | ORIER, B H | 8003250408       | MISC             | HALL, R E     | 8003170466       | 50-317 F         |
| ORIER, B H | 8003260176       | 50-244 Q         | ORIER, B H | 8003250409       | 50-275 F         | HALL, R E     | 8003170294       | 50-331 F         |
| ORIER, B H | 8003260178       | 50-271 Q         | ORIER, B H | 8003250410       | 50-309 P         | HALL, R E     | 8003180622       | 50-284 K         |
| ORIER, B H | 8003260180       | 50-29 Q          | ORIER, B H | 8003250411       | 50-309 P         | HALL, R E     | 8003180600       | 50-295 F         |
| ORIER, B H | 8003250191       | 50-47 Q          | ORIER, B H | 8003250412       | 50-309 R         | HALL, R E     | 8003180467       | 50-237 F         |
| ORIER, B H | 8003250193       | 50-170 Q         | ORIER, B H | 8003250413       | 50-309 P         | HALL, R E     | 8003180575       | TOPREP           |
| ORIER, B H | 8003250195       | 50-184 Q         | ORIER, B H | 8003250414       | 50-309 P         | HALL, R E     | 8003180492       | 50-331 F         |
| ORIER, B H | 8003250213       | 70-135           | ORIER, B H | 8003250415       | 50-309 P         | HALL, R E     | 8003180608       | 50-285 F         |
| ORIER, B H | 8003250214       | 70-1100          | ORIER, B H | 8003250416       | 50-309 P         | HALL, R E     | 8003210448       | 50-295 F         |
| ORIER, B H | 8003250221       | 50-201 Q         | ORIER, B H | 8003250417       | 50-309 P         | HALL, R E     | 8003210444       | 50-271 F         |
| ORIER, B H | 8003250223       | 70-33            | ORIER, B H | 8003250418       | 50-271 P         | HALL, R E     | 8003130413*      | 50-445 Q         |
| ORIER, B H | 8003250224       | 50-54 Q          | ORIER, B H | 8003250419       | 50-247 H         | HALL, R E     | 8003270285*      | 50-382 Q         |
| ORIER, B H | 8003250227       | 70-371           | ORIER, B H | 8003250420       | 50-155 Q         | HALL, R E     | 8003120729*      | 50-458 Q         |
| ORIER, B H | 8003250229       | 70-820           | ORIER, B H | 8003250421       | 50-367 Q         | HALLER, N H   | 8003110302*      | 10CFR            |
| ORIER, B H | 8003250230       | 70-1143          | ORIER, B H | 8003250422       | 50-367 Q         | HALLER, N H   | 8003100185*      | 50-320 P         |
| ORIER, B H | 8003250233       | 50-22 Q          | ORIER, B H | 8003250423       | 50-367 Y         | HALLER, N H   | 8003100190*      | 50-320 P         |
| ORIER, B H | 8003250237       | 50-77 Q          | ORIER, B H | 8003250424       | 50-153 Q         | HALLER, N H   | 8003250313       | 50-387 Q         |
| ORIER, B H | 8003250242       | 50-208 Q         | ORIER, B H | 8003250425       | 50-230 F         | HALLER, N H   | 8003060170*      | 50-387 U         |
| ORIER, B H | 8003250244       | 50-97 Q          | ORIER, B H | 8003250426       | 50-250 P         | HALLER, N H   | 8003280293*      | 50-289 H         |
| ORIER, B H | 8003250245       | 50-98 Q          | ORIER, B H | 8003250427       | 50-282 P         | HAMILTON, L R | 8003140355*      | 40-8713          |
| ORIER, B H | 8003250246       | 50-199 Q         | ORIER, B H | 8003250428       | 50-219 H         | HAMMOND, D M  | 8003210037*      | FOIA             |
| ORIER, B H | 8003250248       | 50-20 Q          | ORIER, B H | 8003250429       | 71-107           | HANAUER, S H  | 8003060509       | GEN TEC IS       |
| ORIER, B H | 8003250249       | 50-5 Q           | ORIER, B H | 8003250430       | 71-360           | HANCOCK, J A  | 8003190658*      | 50-302 Q         |
| ORIER, B H | 8003250251       | 50-225 Q         | ORIER, B H | 8003250431       | 71-6679          | HANCOCK, J A  | 8003200570*      | 50-302 Q         |
| ORIER, B H | 8003250253       | 50-57 Q          | ORIER, B H | 8003250432       | 50-321 F         | HANCOCK, J A  | 8003190737*      | 50-302 Q         |
| ORIER, B H | 8003250256       | 50-223 Q         | ORIER, B H | 8003250433       | 50-286 S         | HANCOCK, J A  | 8003280509*      | 50-302 Q         |
| ORIER, B H | 8003250257       | 50-166 Q         | ORIER, B H | 8003250434       | TOPREP           | HANCOCK, J A  | 8003280512*      | 50-302 Q         |
| ORIER, B H | 8003250259       | 50-134 Q         | ORIER, B H | 8003250435       | 50-336 S         | HANCOCK, J A  | 8003030486       | 50-302 S         |
| ORIER, B H | 8003250262       | 50-293 Q         | ORIER, B H | 8003250436       | CONTRACT         | HANCOCK, J A  | 8003200125*      | 50-302 Q         |
| ORIER, B H | 8003250264       | 50-317 Q         | ORIER, B H | 8003250437       | CONTRACT         | HANCOCK, J A  | 8003040649       | 50-302 S         |
| ORIER, B H | 8003250267       | 50-3 Q           | ORIER, B H | 8003250438       | CONTRACT         | HANCOCK, J A  | 8003280505*      | 50-302 Q         |
| ORIER, B H | 8003250272       | 50-213 Q         | ORIER, B H | 8003250439       | CONTRACT         | HANCOCK, J A  | 8003070352       | 50-302 S         |
| ORIER, B H | 8003250275       | 50-412 Q         | ORIER, B H | 8003250440       | 7906280112*      | HANCOCK, J A  | 8003110663       | 50-302 S         |
| ORIER, B H | 8003250304       | 50-334 Q         | ORIER, B H | 8003250441       | 7910220078       | HANCOCK, J A  | 8003130370       | 50-302 S         |



# PERSONAL AUTHOR INDEX

39

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|-----------------|------------------|------------------|----------------|------------------|------------------|
| HANCOCK, J A   | 8003130489       | 50-302 S         | HAYNES, J O     | 8003110542       | 50-206 P         | HERBEIN, J O   | 8003310252       | 50-289           |
| HANCOCK, J A   | 8003170282       | 50-302 P         | HAYNES, J O     | 8003110610       | 50-361 A         | HERBEIN, J O   | 8003310321       | 50-320           |
| HANCOCK, J A   | 8003180287       | 50-302 P         | HAYNES, J O     | 8003180627       | 50-206 Q         | HERBEIN, J O   | 8003270151       | 50-320           |
| HANCOCK, J A   | 8003240414       | 50-302 S         | HAYNES, J O     | 8003180614       | 50-206 P         | HERBEIN, J O   | 8003310275       | 50-289           |
| HANCOCK, J A   | 8003240532       | 50-302 S         | HAYNES, J O     | 8003180539       | 50-206 F         | HERDT, A R     | 8003060486*      | 50-318           |
| HANCOCK, J A   | 8003260538       | 50-302 S         | HAYNES, J O     | 8003210491       | 50-206 P         | HERDT, A R     | 8003190608*      | 50-553           |
| HANCOCK, J A   | 8003310338       | 50-302 S         | HAYNES, J O     | 8003280496       | 50-206 P         | HERDT, A R     | 8003060248*      | 50-269           |
| HANN, C R      | 8003310101*      | FOIA             | HAYNES, R C     | 8003190867*      | 50-328 Q         | HERDT, A R     | 8003190624*      | 50-280           |
| HANNA, N       | 8003120691*      | 50-320 H         | HAZAK, J T      | 8003200143*      | XPORLTIC         | HERDT, A R     | 8003210077*      | 50-261           |
| HANNON, J      | 8003130110       | 50-293 P         | HAZEL, A J      | 8003140448       | WASTE MGT        | HERDT, A R     | 8003190140*      | 50-269           |
| HANNON, J N    | 8003130167       | 50-293 P         | HAZELTON, W S   | 8003130641       | 50-29 P          | HERDT, A R     | 8003290136*      | 50-390           |
| HANNON, J N    | 8003190694       | 50-293 Q         | HAZLE, A J      | 8003260530*      | State Prog       | HERDT, A R     | 8003210086*      | 50-281           |
| HANNON, J      | 8003250012       | 50-293 P         | HAZLE, A J      | 8003130658*      | WASTE MGT        | HERDT, A R     | 8003270260*      | 50-250           |
| HANNON, J      | 8003250045       | TOPREP           | HAZLE, A J      | 8003130184       | WASTE MGT        | HERDT, A R     | 8003190602*      | 50-250           |
| HANNON, J      | 8003310175       | 50-249 P         | HAZLE, A J      | 8003200010       | WASTE MGT        | HERDT, A R     | 8003060744*      | 50-416           |
| HANNUM, D      | 8003040554*      | 50-265 S         | HAZLE, A J      | 8003130652       | WASTE MGT        | HERDT, A R     | 8003190572*      | 50-438           |
| HANRAHAN, E J  | 8003200138       | XPORLTIC         | HEAD, J T       | 8003100047       | 50-206 Q         | HERDT, A R     | 8003270053*      | 50-269           |
| HANSEN, B L    | 8003140220       | NURE0            | HEAD, J T       | 8003130134       | 50-206 Q         | HERDT, A R     | 8003050349*      | 50-348           |
| HANSEN, J F    | 8003310097*      | 0A999            | HEADRICK, T S   | 8003110585       | 50-321 J         | HERDT, A R     | 8003280388*      | 50-413           |
| HANSEN, L E    | 8003050252       | XPORLTIC         | HEALY, J W      | 8003110043       | PR               | HERDT, A R     | 8003270213*      | 50-400           |
| HANSEN, L E    | 8003130115       | XPORLTIC         | HEBELER, H K    | 8003190504*      | 50-320 H         | HERDT, A R     | 8003190798*      | 50-518           |
| HANSEN, L E    | 8003050255*      | XPORLTIC         | HEBEL, R P      | 8003200452*      | 50-318 S         | HERDT, A R     | 8003050281*      | 50-269           |
| HANSEN, L E    | 8003060646       | XPORLTIC         | HEIDER, L H     | 8003240450       | 50-29 P          | HERDT, A R     | 8003140109*      | 50-281           |
| HANSEN, L E    | 8003110072       | XPORLTIC         | HEIMAN, D       | 8003100202       | XPORLTIC         | HERDT, A R     | 8003190749*      | 50-518           |
| HANSEN, L E    | 8003110080*      | XPORLTIC         | HEISHMAN, R F   | 8003200496*      | 50-329 Q         | HERDT, A R     | 8003210020*      | 50-327           |
| HANSEN, L E    | 8003110369       | XPORLTIC         | HEISHMAN, R F   | 8003190166       | 50-341 S         | HERDT, A R     | 8003280669*      | 50-324           |
| HANSEN, L E    | 8003110388       | XPORLTIC         | HEISHMAN, R F   | 8003130131       | 50-263 Q         | HERDT, A R     | 8003190761*      | 50-400           |
| HANSEN, L E    | 8003120750       | XPORLTIC         | HEISHMAN, R F   | 8003130159       | 50-373 Q         | HERLIHY, D     | 8003140109*      | 40-8728          |
| HANSEN, L E    | 8003120756*      | XPORLTIC         | HEISHMAN, R F   | 8003200408*      | 50-10 Q          | HERLIHY, D     | 8003140117*      | 40-8728          |
| HANSEN, L J    | 8003250105       | 71-9073          | HEISHMAN, R F   | 8003110148       | 50-346 G         | HERLIHY, Y D   | 8003140463       | 40-8728          |
| HANSBELL, D    | 8003190009       | 40-2061          | HEISHMAN, R F   | 8003190952       | 50-266 Q         | HERLIHY, Y D   | 8003140466*      | 40-8728          |
| HANSBELL, D    | 8003240316       | 50-404 A         | HEISHMAN, R F   | 8003110241*      | 10CFR            | HERLIHY, D     | 8003170001       | 40-8728          |
| HANSBELL, D    | 8003180298       | PR               | HEISHMAN, R F   | 8003270246       | 50-346 Q         | HERNANDEZ, G   | 8003060460*      | 50-508           |
| HARDIN, A      | 8003100166       | 50-324 S         | HEISHMAN, R F   | 8003280182       | 50-266 Q         | HERNANDEZ, G   | 8003060769*      | 50-460           |
| HARDIN, A K    | 8003100229       | 50-324 S         | HEISHMAN, R F   | 8003280241       | 50-305 Q         | HERR, R K      | 8003250160*      | 50-267           |
| HARDIN, A K    | 8003200168       | 50-302 S         | HEISHMAN, R F   | 8003280108       | 50-186 Q         | HERRING, K S   | 8003040633*      | 50-344           |
| HARDWICK, R J  | 8003190721*      | 50-390 Q         | HEISHMAN, R F   | 8003310400       | 50-155 Q         | HERRING, K S   | 8003040688*      | 50-344           |
| HARGETT, D J   | 8003210381*      | CONTRACT         | HEISHMAN, R F   | 8003060312       | 50-331 Q         | HERRING, K S   | 8003250350*      | 50-344           |
| HARGETT, D J   | 8003190817*      | CONTRACT         | HEISHMAN, R F   | 8003070086       | 50-346 Q         | HERRING, K S   | 8003280532*      | 50-344           |
| HARGETT, D J   | 8003240249*      | CONTRACT         | HEISHMAN, R F   | 8003060068       | 50-254 P         | HERRLINGER, H  | 8003280324*      | 50-289           |
| HARGETT, D J   | 8003270165*      | CONTRACT         | HEISHMAN, R F   | 8003060350       | 50-331 Q         | HEUTER, L J    | 8003210043*      | 50-255           |
| HARGETT, D J   | 8003200189*      | CONTRACT         | HEISHMAN, R F   | 8003280192       | 50-358 Q         | HICKLEY, C     | 8003180208       | 50-320           |
| HARMON, D      | 8003200167       | XPORLTIC         | HEISHMAN, R F   | 8003130673       | 50-265 Q         | HICKLEY, C     | 8003180201       | 50-320           |
| HARMON, D      | 8003120395       | XPORLTIC         | HELMBERGER, D V | 8003110612*      | 50-361 A         | HICKLEY, J W N | 8003120399       | NURE0            |
| HARMON, D      | 8003280190       | XPORLTIC         | HELMICZ, L D    | 8003120560       | 50-320 H         | HICKLEY, B J   | 8003180607*      | 50-285           |
| HARMON, D W    | 8003280221       | XPORLTIC         | HELMES, C J     | 8003110288*      | 10CFR            | HILJAC, D      | 8003280076       | 70-1308          |
| HARMON, D F    | 8003130389*      | 40-6264          | HENDON, H H     | 8003040319*      | TOPREP           | HILL, W J      | 8003310362*      | 50-263           |
| HARMON, D F    | 8003130394*      | 40-6264          | HENDRICK, R J   | 8003310030*      | 50-312 T         | HILL, B F      | 8003280538*      | 50-346           |
| HARMON, D F    | 8003130379*      | 40-6264          | HENDRICKSON, L  | 8003190310       | FOIA             | RIND, J A      | 8003190451       | 50-282           |
| HARMON, D F    | 8003130367*      | 40-6264          | HENDRICKS, D W. | 8003130642       | 40-1341          | RIND, J A      | 8003190071*      | 50-156           |
| HARMON, D F    | 8003130340*      | 40-6264          | HENDRIE, J M    | 7906270163       | COMMISSION       | HIND, J A      | 8003190068       | 50-156           |
| HARMON, D F    | 8003130343*      | 40-6264          | HENDRIE, J M    | 8003140086       | COMMISSION       | HIND, J A      | 8003210487*      | 50-255           |
| HARNEY, D P    | 8003190476*      | 50-320 H         | HENDRIE, J M    | 8003100122       | COMMISSION       | HIND, J A      | 8003104080       | 50-255           |
| HARRAN, G      | 8003190480*      | 50-245 R         | HENDRIE, J M    | 8003140074       | COMMISSION       | HIND, J A      | 8003280647       | 50-254           |
| HARRELL, E E   | 8003060294*      | 50-339 A         | HENDRIE, J M    | 8003140080       | COMMISSION       | HIND, J A      | 8003060630       | 50-123           |
| HARRIS, D      | 8003240343       | FOIA             | HENDRIE, J M    | 8003170129       | COMMISSION       | HIND, J A      | 8003060751       | 50-131           |
| HARRIS, P A    | 8003130298*      | PROJ             | HENDRIE, J M    | 8003190896       | COMMISSION       | HIND, J A      | 8003070322*      | 50-255           |
| HARRIS, R W    | 8003240160       | 40-4492          | HENDRIX, V V    | 8003050364*      | FOIA             | HIND, J A      | 8003070319       | 50-255           |
| HARRIS, J R    | 8003210325*      | 50-450 Q         | HENNESSEY, G    | 8003130665       | 70-1308          | HIND, J A      | 8003210345*      | 50-2             |
| HARRIS, J R    | 8003310026*      | 50-424 Q         | HENRIKSON, P H  | 8003100227*      | 50-277 P         | HIND, J A      | 8003190582*      | 50-123           |
| HARRIS, J R    | 8003190888*      | 50-518 Q         | HENRIKSON, P H  | 8003110034*      | 50-333 P         | HIND, J A      | 8003210341       | 50-2             |
| HARRIS, J R    | 8003210261*      | 50-413 Q         | HENRY, M E      | 8003280657       | 71-9036          | HIND, J A      | 8003280295       | 50-282           |
| HARRIS, J R    | 8003210376*      | 50-424 Q         | HENSLEY, K D    | 8003310206       | 70-143           | HIND, J A      | 8003190566       | 50-123           |
| HARRISON, J J  | 8003050106*      | 50-546 Q         | HERBEIN, J O    | 8003060600       | 50-289 P         | HINRICHS, G    | 8003210036*      | 50-219           |
| HARRISON, J J  | 8003250043*      | 50-546 Q         | HERBEIN, J O    | 8003030621*      | 50-320 Q         | HINRICHS, G H  | 8003170335*      | 50-219           |
| HARRISON, H    | 8003120354       | 16E              | HERBEIN, J O    | 8003040013*      | 50-320 P         | HINRICHS, G H  | 8003170328*      | 50-219           |
| HARRISON, O    | 8003240641*      | 50-373 A         | HERBEIN, J O    | 8003140018       | 50-289 Q         | HINRICHS, T J  | 8003050321*      | 50-275           |
| HART, O        | 8003110268*      | 50-320 U         | HERBEIN, J O    | 8003050375       | 50-289 P         | HOBART, L      | 8003050191       | PR               |
| HARTER, E B    | 8003190938       | 70-1703          | HERBEIN, J O    | 8003050392       | 50-289 H         | HOBSON, J W    | 8003270643*      | 50-142           |
| HARTIGAN, J    | 8003110567*      | 50-346 S         | HERBEIN, J O    | 8003050511       | 50-320 P         | HOCKET, J      | 8003250163       | 70-135           |
| HARTIGAN, J P  | 8003110637*      | 50-346 S         | HERBEIN, J O    | 8003060523       | 50-320 R         | HODGSON, A P   | 8003250483       | 50-445           |
| HARTZELL, O E  | 8003050445*      | 50-269 F         | HERBEIN, J O    | 8003070363       | 50-289 P         | HODGSON, A P   | 8003030072       | 50-445           |
| HASLBECK, J    | 8003100129       | NURE0            | HERBEIN, J O    | 8003120483       | 50-289 S         | HODGSON, A P   | 8003190919       | 50-445           |
| HAUGHNEY, C J  | 8003200094       | 50-201 H         | HERBEIN, J O    | 8003130518       | 50-320 P         | HODGSON, A P   | 8003270513       | 50-445           |
| HAUGHNEY, C J  | 8003280478       | 50-201 H         | HERBEIN, J O    | 8003040002       | 50-289 P         | HODGES, J W    | 8003070096*      | 50-296           |
| HAUFERT, T J   | 8003140031*      | 50-320 H         | HERBEIN, J O    | 8003170487       | 50-289 S         | HODGES, J W    | 8003190834*      | 70-1201          |
| HAUFERT, S A   | 8003140039*      | 50-320 H         | HERBEIN, J O    | 8003110534       | 50-289 P         | HODGES, J W    | 8003070309*      | 70-1151          |
| HAVERKAMP, D R | 8003100064*      | 50-320 Q         | HERBEIN, J O    | 8003170453       | 50-320 P         | HOFELING, R G  | 8003130165       | 50-312           |
| HAVERKAMP, D   | 8003110226*      | 50-320 U         | HERBEIN, J O    | 8003180480       | 50-289 P         | HOFELING, R K  | 8003190334       | 70-2623          |
| HAVERKAMP, D   | 8003280137       | 50-320 S         | HERBEIN, J O    | 8003180302       | 50-289 F         | HOFFMAN, D P   | 8003060763*      | 50-155           |
| HAWES, D       | 8003130605*      | 50-556 H         | HERBEIN, J O    | 8003210385       | 50-289 P         | HOFFMAN, D P.  | 8003060257       | 50-255           |
| HAWKINS, F C   | 8003120297*      | 50-461 Q         | HERBEIN, J O    | 8003240312       | 50-289 R         | HOFFMAN, D P.  | 8003110532       | 50-255           |
| HAWTHORNE, J R | 8003040248       | NURE0            | HERBEIN, J O    | 8003250563       | 50-289 P         | HOFFMAN, D P.  | 8003110026       | 50-155           |
| HAYES, D W     | 8003120257*      | 50-461 Q         | HERBEIN, J O    | 8003250538       | 50-289 S         | HOFFMAN, D P.  | 8003040564       | 50-255           |
| HAYNES, J O    | 8003030484       | 50-206 F         | HERBEIN, J O    | 8003280544       | 50-289 P         | HOFFMAN, D P.  | 8003050426       | 50-155           |



## PERSONAL AUTHOR INDEX

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|
| HOFFMAN, D P    | 8003050494       | 50-255 P         | HUNNICUTT, D M | 8003100124*      | 0A999            | IPPOLITO, T A  | 8003250199       | 50-331 P         |
| HOFFMAN, D P    | 8003050514       | 50-155 R         | HUNNICUTT, D M | 8003120291*      | 0A999            | IPPOLITO, T A  | 8003270220       | 50-237 Q         |
| HOFFMAN, D P    | 8003060479       | 50-255 R         | HUNNICUTT, D M | 8003270335*      | 0A999            | IPPOLITO, T A  | 8003250187       | 50-324 P         |
| HOFFMAN, D P    | 8003060488       | 50-255 R         | HUNNICUTT, D M | 8003310104*      | 0A999            | IPPOLITO, T A  | 8003250197*      | 50-324 P         |
| HOFFMAN, D P    | 8003060533       | 50-255 R         | HUNSTAD, A A   | 8003030580*      | 50-282 S         | IPPOLITO, T A  | 8003250210*      | 50-324 P         |
| HOFFMAN, D P    | 8003070251       | 50-255 F         | HUNSTAD, A A   | 8003110581*      | 50-306 S         | IPPOLITO, T A  | 8003280012       | 50-277 F         |
| HOFFMAN, D P    | 8003070255       | 50-255 P         | HUNSTAD, A A   | 8003170399*      | 50-282 R         | IPPOLITO, T A  | 8003310184       | 50-265 P         |
| HOFFMAN, D P    | 8003130561       | 50-255 R         | HUNSTAD, A A   | 8003240410*      | 50-282 S         | IPPOLITO, T A  | 8003310189*      | 50-265 P         |
| HOFFMAN, D P    | 8003130577       | 50-255 P         | HUNSTAD, A A   | 8003240421*      | 50-306 S         | IPPOLITO, T A  | 8003310196*      | 50-265 P         |
| HOFFMAN, D P    | 8003250424       | 50-255 Q         | HUNT, M D      | 8003310026*      | 50-424 Q         | ITCHON, O Y    | 8003050136       | 50-574 Q         |
| HOFFMAN, D P    | 8003100193       | 50-255 P         | HUNT, M        | 8003100161       | 50-369 S         | JACKI, I N     | 8003270253*      | 50-346 Q         |
| HOFFMAN, D P    | 8003110389       | 50-255 P         | HUNT, M D      | 8003050261*      | 50-338 S         | JACKSON, T P   | 8003240602       | 50-320 H         |
| HOFFMAN, D P    | 8003110509       | 50-255 Q         | HUNT, M D      | 8003210125*      | 50-389 Q         | JACKSON, H M   | 8003240602       | PRH              |
| HOFFMAN, D P    | 8003190479       | 50-155 P         | HUNT, M D      | 8003190374*      | 50-416 Q         | JACKSON, J F   | 8003100024       | NUREQ            |
| HOFFMAN, D P    | 8003190534       | 50-155 P         | HUNT, M D      | 8003210030*      | 50-389 Q         | JACKSON, Q     | 8003190502*      | FOIA             |
| HOFFMAN, D P    | 8003210398       | 50-255 P         | HUNT, M D      | 8003060225*      | 50-491 Q         | JACKSON, Q     | 8003040052       | 70-1143          |
| HOFFMAN, D P    | 8003250454       | 50-155 S         | HUNTER, R S    | 8003240634       | PR               | JACKSON, T J   | 8003310449*      | 50-272 Q         |
| HOFFMAN, D P    | 8003250554       | 50-155 Q         | HUNTER, D R    | 8003280445*      | 50-206 Q         | JACKSON, R E   | 8003140457*      | 50-275 A         |
| HOFFMAN, D P    | 8003240351       | 50-155 P         | HUNTER, V H    | 8003110103*      | 0A999            | JACKSON, R E   | 8003260542       | 50-400 A         |
| HOFFMAN, D P    | 8003270490       | 50-255 P         | HURLEY, W D    | 8003170102       | PR               | JACKSON, R E   | 8003280187       | 50-329 A         |
| HOFFMAN, D P    | 8003050384       | 50-255 F         | HURST, J       | 8003210025*      | 50-320 Q         | JACOB, S B     | 8003050042       | NUREQ            |
| HOFFMAN, F J    | 8003190399*      | 50-320 H         | HUSEBY, D E    | 8003170459*      | 50-317 S         | JACOB, S B     | 8003200465       | REQD             |
| HOHNE, F C      | 8003210197       | 40-8304          | HUSEBY, D E    | 8003190531*      | 50-318 S         | JACOB, A       | 8003310403*      | CONTRACT         |
| HOHNE, F C      | 8003210193       | 40-8502          | HUSEBY, D E    | 8003260623*      | 50-318 S         | JACOB, A       | 8003200023       | CONTRACT         |
| HOLCOMB, W F    | 8003180209       | PR               | HUSTON, R W    | 8003110652       | 50-255 P         | JACOB, A       | 8003200020       | CONTRACT         |
| HOLDDY, D J     | 8003270032*      | 70-135           | HUTTON, P H    | 8003280575       | RES              | JACOB, A       | 8003310462       | CONTRACT         |
| HOLDDY, D J     | 8003190821*      | 70-1100          | HYDE, D H      | 8003250051       | PR               | JACOB, A       | 8003270102       | CONTRACT         |
| HOLDDY, D J     | 8003170043*      | 50-201 Q         | IFFLAND, R R   | 8003190512       | 50-245 J         | JACOB, A       | 8003280340       | CONTRACT         |
| HOLDDY, D J     | 8003190158*      | 70-1143          | IFFLAND, R R   | 8003270333       | 50-213 J         | JANECEK, R F   | 8003050550       | 50-327 F         |
| HOLOWKA, P      | 8003100006*      | 50-320 H         | IPPOLITO, T A  | 8003140241       | 50-331 F         | JANECEK, R F   | 8003030438       | 50-237 F         |
| HOLT, J         | 8003240362       | PR               | IPPOLITO, T A  | 8003140244       | 50-331 F         | JANECEK, R F   | 8003030373       | 50-237 P         |
| HOLT, R J       | 8003050459*      | 50-29 P          | IPPOLITO, T A  | 8003140247       | 50-293 F         | JANECEK, R F   | 8003070396       | 50-237 P         |
| HOOD, D C       | 8003040383       | 50-458 A         | IPPOLITO, T A  | 8003030068       | 50-259 P         | JANECEK, R F   | 8003040284       | 50-237 F         |
| HOOD, D S       | 8003190621       | 50-329 A         | IPPOLITO, T A  | 8003030070*      | 50-259 P         | JANECEK, R F   | 8003050214       | 50-10 P          |
| HOOD, D S       | 8003040166       | 50-329 A         | IPPOLITO, T A  | 8003030080*      | 50-259 P         | JANECEK, R F   | 8003050504       | 50-237 P         |
| HOOD, D S       | 8003190765       | 50-329 A         | IPPOLITO, T A  | 8003240580       | 50-259 P         | JANECEK, R F   | 8003060392       | 50-237 P         |
| HOOD, D S       | 8003190562       | 50-458 A         | IPPOLITO, T A  | 8003030085       | 50-263 P         | JANECEK, R F   | 8003110385       | 50-237 P         |
| HOOD, D         | 8003190395       | 50-458 F         | IPPOLITO, T A  | 8003030098*      | 50-263 P         | JANECEK, R F   | 8003140251       | 50-254 F         |
| HOOD, D         | 8003280088       | 50-458 F         | IPPOLITO, T A  | 8003030055*      | 50-263 P         | JANECEK, R F   | 8003140203       | 50-10 P          |
| HOOPER, P       | 8003130634       | 50-574 Q         | IPPOLITO, T A  | 8003030083       | 50-259 P         | JANECEK, R F   | 8003170170       | 50-237 P         |
| HOOPER, W W     | 8003210055       | 40-8601          | IPPOLITO, T A  | 8003030087*      | 50-259 P         | JANECEK, R F   | 8003170476       | 50-237 F         |
| HOPKINS, T.     | 8003260636*      | 50-275 Q         | IPPOLITO, T A  | 8003030089*      | 50-259 P         | JANECEK, R F   | 8003190711       | 50-10 P          |
| HORIN, W A      | 8003260663       | PR               | IPPOLITO, T A  | 8003030092*      | 50-259 P         | JANECEK, R F   | 8003260541       | 50-237 P         |
| HORNER, W C     | 8003310491       | 50-272 Q         | IPPOLITO, T A  | 8003040040       | 50-321 P         | JANINEK, M     | 8003260006       | State Prog       |
| HOSEY, C H      | 8003120226*      | 50-269 Q         | IPPOLITO, T A  | 8003060432       | 50-331 P         | JANINEK, M     | 8003260049       | State Prog       |
| HOSEY, C H      | 8003270259*      | 50-269 Q         | IPPOLITO, T A  | 8003060438*      | 50-331 P         | JAY, J M       | 8003100183       | NUREQ            |
| HOSFORD, S      | 8003120117       | GEN TEC 18       | IPPOLITO, T A  | 8003060450*      | 50-331 P         | JAYNE, T S     | 8003050104*      | 50-387 Q         |
| HOUGHTON, T C   | 8003250020       | 50-416 F         | IPPOLITO, T A  | 8003170071       | 50-271 P         | JAYNER, J H    | 8003270336*      | 70-135           |
| HOUGHTON, T C   | 8003250021       | 50-416 A         | IPPOLITO, T A  | 8003030351       | 50-324 P         | JENKINS, R V   | 8003170288*      | 50-304 S         |
| HOUGHTON, W R   | 8003280646       | 71-9020          | IPPOLITO, T A  | 8003030019       | 50-277 Q         | JENKINS, Q R   | 8003200172       | 50-338 B         |
| HOWARD, A B     | 8003130102       | PR               | IPPOLITO, T A  | 8003120298       | 50-293 P         | JENKINS, Q R   | 8003250348*      | 70-1113          |
| HOWE, P. W      | 8003210297*      | 50-400 Q         | IPPOLITO, T A  | 8003240073       | 50-324 F         | JENKINS, Q R   | 8003110194*      | 50-280 Q         |
| HOWE, P. W      | 8003210283*      | 50-400 Q         | IPPOLITO, T A  | 8003110438       | 50-331 P         | JENKINS, Q R   | 8003190781*      | 50-302 Q         |
| HOWE, P. W      | 8003270183       | 50-400 Q         | IPPOLITO, T A  | 8003110443*      | 50-331 P         | JENKINS, Q R   | 8003110208*      | 50-324 Q         |
| HOWE, P. W      | 8003190651*      | 50-400 Q         | IPPOLITO, T A  | 8003110450*      | 50-331 P         | JENKINS, Q R   | 8003260175*      | 50-259 Q         |
| HOWE, P. W      | 8003190646*      | 50-400 Q         | IPPOLITO, T A  | 8003240019       | 50-259 F         | JENKINS, Q R   | 8003190623*      | 50-259 Q         |
| HOWE, P. W      | 8003190922       | 50-400 Q         | IPPOLITO, T A  | 8003140117       | 50-259 P         | JENSEN, S E    | 8003110551*      | 50-219 P         |
| HOWELL, S H     | 8003040243       | 50-329 S         | IPPOLITO, T A  | 8003100170       | 50-271 F         | JENSEN, J V    | 8003190881*      | FOIA             |
| HOWELL, S H     | 8003040490       | 50-329 S         | IPPOLITO, T A  | 8003110338       | 50-293 P         | JERAD, E       | 8003200142*      | 10CFR            |
| HOWELL, S H     | 8003070377       | 50-329 S         | IPPOLITO, T A  | 8003110347*      | 50-293 P         | GERMAN, P C    | 8003030049*      | MISC             |
| HOWELL, S H     | 8003070387       | 50-329 S         | IPPOLITO, T A  | 8003110363*      | 50-293 P         | JETT, G        | 8003290258       | PR               |
| HOWELL, S H     | 8003070395       | 50-329 S         | IPPOLITO, T A  | 8003170216       | 50-271 P         | JOHNSON, R W   | 8003170108*      | 50-320 H         |
| HOWELL, S H     | 8003250544       | 50-329 Q         | IPPOLITO, T A  | 8003170239*      | 50-271 P         | JOHNSON, S     | 8003240549       | 50-556 H         |
| HOWELL, S       | 8003280268       | 50-329 R         | IPPOLITO, T A  | 8003170244*      | 50-271 P         | JOHNSON, S     | 8003240576       | 50-556 H         |
| HOWELL, S H     | 8003100232       | 50-329 A         | IPPOLITO, T A  | 8003100045       | 50-324 P         | JOHNSON, S     | 8003200534       | 50-556 H         |
| HOWELL, J C     | 8003310398*      | 50-348 Q         | IPPOLITO, T A  | 8003100074       | 50-220 P         | JOHNSON, J H   | 8003240513*      | 50-387 Q         |
| HOWELL, J C     | 8003310389*      | 70-2479          | IPPOLITO, T A  | 8003130304       | 50-259 P         | JOHNSON, J H   | 8003250306       | 50-387 Q         |
| HOWELL, J C     | 8003050271*      | 50-338 Q         | IPPOLITO, T A  | 8003130310*      | 50-259 P         | JOHNSON, J H   | 8003240509       | 50-387 Q         |
| HOWELL, J C     | 8003280633*      | 70-2322          | IPPOLITO, T A  | 8003130317*      | 50-259 P         | JOHNSON, J E   | 8003190461*      | FOIA             |
| HOWELL, J       | 8003260295       | 50-390 S         | IPPOLITO, T A  | 8003130330*      | 50-259 P         | JOHNSON, J E   | 8003120446*      | 50-267 R         |
| HOWLETT, O. H   | 8003180367*      | 50-336 R         | IPPOLITO, T A  | 8003200039       | 50-321 P         | JOHNSON, J E   | 8003050022       | PR               |
| HOWLETT, O. H   | 8003190338*      | 50-336 R         | IPPOLITO, T A  | 8003200039       | 50-277 P         | JOHNSON, N. R. | 8003130009       | XPORTRIC         |
| HOYLE, J. C     | 8003110303       | 50-320 Q         | IPPOLITO, T A  | 8003240123       | 50-259 P         | JOHNSON, H T   | 8003060497*      | 50-275 U         |
| HOYLE, J. C     | 8003110314*      | 50-320 Q         | IPPOLITO, T A  | 8003200047       | 50-259 P         | JOHNSON, R.    | 8003170385*      | 50-304 S         |
| HOYLE, J. C     | 8003110126*      | 10CFR            | IPPOLITO, T A  | 8003240230       | 50-277 F         | JOHNSON, R.    | 8003200425*      | 50-304 S         |
| HUBACEK, W. O   | 8003130127*      | 50-556 Q         | IPPOLITO, T A  | 8003240243       | 50-366 P         | JOHNSON, J H   | 8003310049       | FOIA             |
| HUBACEK, W. O   | 8003130388       | 50-499 S         | IPPOLITO, T A  | 8003240250       | 50-321 P         | JOHNSON, R F   | 8003310163       | REQD             |
| HUBER, P. W.    | 8003190101       | NUREQ            | IPPOLITO, T A  | 8003240254       | 50-263 P         | JOHNSON, W P   | 8003280407*      | 50-309 P         |
| HUBSON, O.      | 8003040323       | NUREQ            | IPPOLITO, T A  | 8003240257*      | 50-263 P         | JOHNSON, P. R  | 8003040197*      | 50-309 P         |
| HUGHES, C       | 8003140029*      | 50-320 Q         | IPPOLITO, T A  | 8003240261*      | 50-263 P         | JOHNSON, W P   | 8003200502       | 50-309 P         |
| HUGHES, H       | 8003200016*      | COMMISSION       | IPPOLITO, T A  | 8003240271       | 50-298 P         | JOHNSON, W P   | 8003200638       | 50-309 P         |
| HUGHES, J       | 8003140181*      | 50-388 Q         | IPPOLITO, T A  | 8003240275*      | 50-298 P         | JOHNSON, R. O  | 8003040399       | 50-263 J         |
| HUNNICUTT, D. H | 8003100228*      | 0A999            | IPPOLITO, T A  | 8003240282*      | 50-298 P         | JOHNSON, R. O  | 8003040402       | 50-282 J         |
| HUNNICUTT, D. H | 8003130368*      | 0A999            | IPPOLITO, T A  | 8003240618       | 50-330 P         | JOHNSON, R. O  | 8003040492       | 50-263 J         |
| HUNNICUTT, D. H | 8003190361*      | 0A999            | IPPOLITO, T A  | 8003260002       | 50-331 P         | JOHNSON, R. O  | 8003040586       | 50-282 J         |

# PERSONAL AUTHOR INDEX

399

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR       | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-----------------|------------------|------------------|--------------|------------------|------------------|
| JOHNSON, R W    | 8003190509       | 50-344 Q         | KALUMUCK, K H   | 8003190101       | NUREG            | KENNA, W B   | 8003210033       | 70-143           |
| JOHNSON, R W    | 8003130216       | 50-344 Q         | KAMMERER, C     | 7909270359       | MISC             | KENNA, W B   | 8003310393       | 50-348 Q         |
| JOHNSON, R W    | 8003130218*      | 50-344 Q         | KAMMERER, C     | 7911060530       | MISC             | KENNA, W B   | 8003310384       | 70-2479          |
| JOHNSON, R W    | 8003130212       | 50-344 Q         | KAMMERER, C     | 8003060470       | 50-275 U         | KENNA, W B   | 8003060668       | 50-250 Q         |
| JOHNSON, H C    | 8003110428       | 50-395 Q         | KAN, S          | 8003120413*      | 50-265 S         | KENNA, W B   | 8003070094       | 50-276 Q         |
| JOHNSON, H C    | 8003280441       | 50-395 S         | KANE, I Q       | 8003280324*      | 50-289 H         | KENNA, W B   | 8003110211       | 50-250 Q         |
| JOHNSON, H C    | 8003280559       | 50-395 S         | KANE, H F       | 8003280339       | 50-470 A         | KENNA, W B   | 8003190024       | 70-824           |
| JOHNSON, P R    | 8003030417*      | 50-29 P          | KANE, H F       | 8003280344*      | 50-470 A         | KENNA, W B   | 8003310260       | 70-27            |
| JOHNSON, P R    | 8003210576*      | 50-271 P         | KAPLAN, S       | 8003180262       | 50-224 F         | KENNA, W B   | 8003310265       | 50-332 Q         |
| JOHNSTON, J W   | 8003250385       | NUREG            | KAPLAN, A L     | 8003250315*      | 70-1113          | KENNA, W B   | 8003190848       | 70-1201          |
| JOHNSON, D F    | 8003060320*      | 50-317 Q         | KAPLAN, A L     | 8003030332       | 70-1113          | KENNA, W B   | 8003050327       | 50-327 Q         |
| JOHNSON, D F    | 8003060504*      | 50-317 Q         | KAPLAN, A L     | 8003260199       | 70-1113          | KENNA, W B   | 8003050268       | 50-338 Q         |
| JOHNSON, J      | 8003190307*      | 50-247 Q         | KAPLAN, A L     | 8003170103       | PR               | KENNA, W B   | 8003070306       | 70-1151          |
| JOHNSON, J M    | 8003130368*      | QA999            | KAPLAN, A L     | 8003250299*      | 70-1113          | KENNA, W B   | 8003070323       | 50-406 Q         |
| JOHNSON, J M    | 8003140227*      | QA999            | KAPLAN, A L     | 8003240643       | PR               | KENNA, W B   | 8003240553       | 70-1151          |
| JOHNSON, P H    | 8003060623*      | 50-397 Q         | KASTENBERG, W E | 8003060326       | 50-320 Q         | KENNEDY, W J | 8003140198       | 50-495 S         |
| JOHNSON, A      | 8003030126*      | 50-206 Q         | KASTENBERG, W E | 8003190383       | ACRS             | KENNEDY, W J | 8003240389       | 50-495 S         |
| JOHNSON, J      | 7910300474*      | MISC             | KASTENBERG, W E | 8003190588*      | ACRS             | KENNEDY, R T | 8003280978       | 71-373           |
| JONES, M B      | 8003050015*      | 50-320 Q         | KAUFFMAN, J T   | 8003180519       | 50-387 H         | KENNEDY, R T | 8003060396*      | FOIA             |
| JONES, M B      | 8003050016*      | 50-320 Q         | KAUFFMAN, N C   | 8003270240       | NUREG            | KENT, C      | 8003060048*      | 70-1319          |
| JONES, E E      | 8003240340       | PR               | KAUFMAN, S R    | 8003190359*      | FOIA             | KEPPORD, C   | 8003040261       | 50-320 T         |
| JONES, Q L      | 8003210335       | PR               | KAUFMAN, S R    | 8003190350*      | FOIA             | KEPPORD, C   | 8003040272       | 50-320 T         |
| JONES, Q L      | 8003250475       | PR               | KAUFMANN, R S   | 8003060137       | 40-8721          | KEPPORD, C   | 8003040037       | 50-320 T         |
| JONES, R L      | 8003280013       | 50-344 Q         | KAUFMANN, R S   | 8003050008       | 40-8745          | KEPPORD, C   | 8003070316       | 50-320 Q         |
| JONES, J A      | 8003050481       | 50-285 R         | KAUFMANN, R S   | 8003240210       | 40-8728          | KEPPLER, J Q | 8003280556       | 50-331 S         |
| JONES, W C      | 8003180176       | 50-285 P         | KAY, J A        | 8003050492       | 50-29 P          | KEPPLER, J Q | 8003190630       | 50-341 Q         |
| JONES, W C      | 8003180402       | 50-285 R         | KAY, J A        | 8003130496       | 50-29 P          | KEPPLER, J Q | 8003200408*      | 50-10 Q          |
| JONES, W C      | 8003210389       | 50-285 P         | KAY, J A        | 8003140214       | 50-29 P          | KEPPLER, J Q | 8003200408*      | 50-10 Q          |
| JONES, W C      | 8003240373       | 50-285 P         | KAY, J A        | 8003170253       | 50-29 P          | KEPPLER, J Q | 8003140424       | 50-155 Q         |
| JONES, W C      | 8003310288       | 50-285 Q         | KAY, J A        | 8003240389       | 50-29 P          | KEPPLER, J Q | 8003140462       | 50-409 Q         |
| JONES, W C      | 8003260577       | 50-285 P         | KAYSER, W V     | 8003110551*      | 50-219 P         | KEPPLER, J Q | 8003140465       | 50-331 Q         |
| JONES, R F      | 8003170648*      | 50-271 P         | KEARNEY, J J    | 8003040145       | PR               | KEPPLER, J Q | 8003140467       | 50-315 Q         |
| JONES, O C      | 8003120210       | NUREG            | KEARNEY, J J    | 8003210001       | PR               | KEPPLER, J Q | 8003140469       | 50-262 Q         |
| JONES, J W      | 8003050265*      | 50-293 Q         | KEARNEY, J J    | 8003250083       | PR               | KEPPLER, J Q | 8003140470       | 50-346 Q         |
| JONES, D W      | 8003310263*      | 70-27            | KEATON, R W     | 8003250198       | 50-289 Q         | KEPPLER, J Q | 8003140472       | 50-266 Q         |
| JONES, J A      | 8003190587*      | FOIA             | KEATON, R W     | 8003250198       | 50-289 Q         | KEPPLER, J Q | 8003140475       | 50-305 Q         |
| JONES, J A      | 8003190667*      | FOIA             | KEBLUSEK, S     | 8003070045       | 50-400 A         | KEPPLER, J Q | 8003190007       | 50-10 Q          |
| JONES, J A      | 8003190580*      | FOIA             | KEE, C W        | 8003110019       | PR               | KEPPLER, J Q | 8003190022       | 50-155 Q         |
| JONES, J A      | 8003190550       | FOIA             | KEE, C W        | 8003110015       | PR               | KEPPLER, J Q | 8003190027       | 50-409 Q         |
| JONES, R J      | 8003180129       | REGD             | KEE, D          | 8003190049       | 40-2061          | KEPPLER, J Q | 8003190028       | 50-331 Q         |
| JONES, J A      | 8003190493*      | FOIA             | KEENE, W E      | 8003200397*      | 50-77 R          | KEPPLER, J Q | 8003190032       | 50-315 Q         |
| JORDAN, E D     | 8003040128*      | 50-77 Q          | KEETON, B C     | 8003290390       | NUREG            | KEPPLER, J Q | 8003190036       | 50-263 Q         |
| JORDAN, E D     | 8003200397*      | 50-77 R          | KEHOE, D V      | 8003030010*      | 50-317 Q         | KEPPLER, J Q | 8003190041       | 50-346 Q         |
| JORDAN, E D     | 8003200321       | 50-77 R          | KEHOE, D        | 8003190413*      | 50-293 Q         | KEPPLER, J Q | 8003190044       | 50-266 Q         |
| JORDAN, W H     | 8003040324       | 50-488 Q         | KEHOE, D V      | 8003190702*      | 50-387 Q         | KEPPLER, J Q | 8003190046       | 50-305 Q         |
| JOSEPHS, B      | 8003260160*      | FOIA             | KEHOE, D        | 8003190442       | 50-293 S         | KEPPLER, J Q | 8003200496*      | 50-329 Q         |
| JOYCE, J A      | 8003050642       | NUREG            | KEHOE, R R      | 8003060292*      | 50-311 Q         | KEPPLER, J Q | 8003120084       | 50-264 Q         |
| JOYNER, J H     | 8003270032*      | 70-135           | KEHIO, R R      | 8003190448       | 50-272 S         | KEPPLER, J Q | 8003120089       | 50-87 F          |
| JOYNER, J H     | 8003280166*      | 70-135           | KEHIO, R        | 8003180084       | 50-317 S         | KEPPLER, J Q | 8003120091       | 50-116 Q         |
| JOYNER, J H     | 8003060336*      | 70-1143          | KEHIO, R R      | 8003100136       | 50-317 S         | KEPPLER, J Q | 8003120092       | 50-274 Q         |
| JOYNER, J H     | 8003190382*      | 70-135           | KEHIO, R        | 8003100172       | 50-219 S         | KEPPLER, J Q | 8003120095       | 50-150 Q         |
| JOYNER, J H     | 8003190821*      | 70-1100          | KEHIO, R        | 8003190172       | 50-278 S         | KEPPLER, J Q | 8003120097       | 50-182 Q         |
| JOYNER, J H     | 8003050312*      | 70-33            | KEHIO, R R      | 8003190233       | 50-272 S         | KEPPLER, J Q | 8003120104       | 50-151 Q         |
| JOYNER, J H     | 8003050267*      | 70-371           | KEHIO, R R      | 8003200809*      | 50-334 Q         | KEPPLER, J Q | 8003120105       | 50-2 Q           |
| JOYNER, J H     | 8003190803*      | 70-135           | KEHIO, R R      | 8003040051*      | 50-272 Q         | KEPPLER, J Q | 8003120109       | 50-123 Q         |
| JOYNER, J H     | 8003170043*      | 50-201 Q         | KEHIO, R R      | 8003060504*      | 50-317 Q         | KEPPLER, J Q | 8003120112       | 50-186 Q         |
| JOYNER, J       | 8003190285*      | 70-820           | KEHIO, R R      | 8003190859*      | 50-245 Q         | KEPPLER, J Q | 8003120113       | 50-156 Q         |
| JOYNER, J H     | 800310227*       | 70-371           | KEHIO, R R      | 8003260405*      | 50-219 Q         | KEPPLER, J Q | 8003120132       | 50-440 Q         |
| JOYNER, J H     | 8003190158*      | 70-1143          | KEITH, R C      | 8003050835       | TOPREP           | KEPPLER, J Q | 8003120137       | 50-319 Q         |
| JULIAN, C       | 8003110184*      | 50-348 Q         | KELLER, T Q     | 8003270120       | 40-1162          | KEPPLER, J Q | 8003120140       | 50-10 Q          |
| JULIAN, C       | 8003110170*      | 50-364 Q         | KELLEY, W D     | 8003100147*      | QA999            | KEPPLER, J Q | 8003120160       | 50-358 Q         |
| JULIAN, C       | 8003250382*      | 50-259 Q         | KELLEY, W D     | 8003140120*      | QA999            | KEPPLER, J Q | 8003120164       | 50-327 Q         |
| JUNDO, T L      | 8003250444*      | 50-30 P          | KELLEY, J L     | 8003050133*      | 10CFR            | KEPPLER, J Q | 8003120168       | 50-155 Q         |
| KABADI, J       | 8003180228*      | TOPREP           | KELLQO, P J     | 8003190852*      | 50-280 Q         | KEPPLER, J Q | 8003120172       | 50-409 Q         |
| KABLE, J B      | 8003210040*      | 70-143           | KELLQO, P       | 8003100166       | 50-324 S         | KEPPLER, J Q | 8003120175       | 50-341 Q         |
| KAEMPF, K       | 8003240167       | 50-367 Q         | KELLQO, P J     | 8003100229       | 50-324 S         | KEPPLER, J Q | 8003120180       | 50-331 Q         |
| KAHLE, J B.     | 8003250348*      | 70-1113          | KELLQO, P J     | 8003200168       | 50-302 S         | KEPPLER, J Q | 8003120181       | 50-461 Q         |
| KAHLE, J B.     | 8003180179       | 70-1173          | KELLQO, P J     | 8003190269*      | 50-324 Q         | KEPPLER, J Q | 8003120182       | 50-367 Q         |
| KAHLE, J B.     | 8003190099*      | 70-824           | KELLQO, P J     | 8003270282*      | 50-324 Q         | KEPPLER, J Q | 8003120187       | 50-263 Q         |
| KAHLE, J B.     | 8003310266*      | 50-332 Q         | KELLQO, P J     | 8003110207*      | 50-338 Q         | KEPPLER, J Q | 8003120188       | 50-546 Q         |
| KAHN, B         | 8003270064       | NUREG            | KELLQO, P J     | 8003190672*      | 50-302 Q         | KEPPLER, J Q | 8003120190       | 50-346 Q         |
| KALIVIANAKIS, N | 8003060686*      | 50-254 S         | KELLQO, P J     | 8003200616*      | 50-416 Q         | KEPPLER, J Q | 8003120192       | 50-483 Q         |
| KALIVIANAKIS, N | 8003050417       | 50-254 S         | KELLQO, P J     | 8003050359*      | 50-338 Q         | KEPPLER, J Q | 8003120196       | 50-266 Q         |
| KALIVIANAKIS, N | 8003210177       | 50-254 S         | KELLQO, P J     | 8003190589*      | 50-261 Q         | KEPPLER, J Q | 8003120199       | 50-305 Q         |
| KALIVIANAKIS, N | 8003040547       | 50-265 S         | KELLQO, P J     | 8003210144*      | 50-338 Q         | KEPPLER, J Q | 8003200405       | 50-10 Q          |
| KALIVIANAKIS, N | 8003170492       | 50-265 S         | KELLQO, P J     | 8003060235*      | 50-62 Q          | KEPPLER, J Q | 8003140169       | 50-10 Q          |
| KALIVIANAKIS, N | 8003170389       | 50-254 S         | KELLQO, P J     | 8003130591*      | 50-324 Q         | KEPPLER, J Q | 8003140190       | 50-358 Q         |
| KALIVIANAKIS, N | 8003200398       | 50-265 S         | KELLY, R S      | 8003110374       | TOPREP           | KEPPLER, J Q | 8003140209       | 50-440 Q         |
| KALIVIANAKIS, N | 8003120405       | 50-265 S         | KELLY, W D      | 8003100242*      | QA999            | KEPPLER, J Q | 8003140213       | 50-135 Q         |
| KALIVIANAKIS, N | 8003190457       | 50-284 P         | KELLY, Q S      | 8003200275       | TOPREP           | KEPPLER, J Q | 8003140217       | 50-329 Q         |
| KALIVIANAKIS, N | 8003200406       | 50-254 S         | KEMPER, J S     | 8003140141       | 50-332 Q         | KEPPLER, J Q | 8003140221       | 50-409 Q         |
| KALIVIANAKIS, N | 8003200412       | 50-265 S         | KENNA, W B      | 8003130662       | 50-289 S         | KEPPLER, J Q | 8003140222       | 50-341 Q         |
| KALIVIANAKIS, N | 8003200383       | 50-254 S         | KENNA, W B      | 8003070310       | 70-2842          | KEPPLER, J Q | 8003140225       | 50-331 Q         |
| KALKWART, D R   | 8003050205       | 70-984           | KENNA, W B      | 8003280628       | 70-2322          | KEPPLER, J Q | 8003140229       | 50-461 Q         |
| KALLMANN, S     | 8003060443*      | 40-8188          | KENNA, W B      | 8003190038*      | 70-824           | KEPPLER, J Q | 8003140231       | 50-318 Q         |

## PERSONAL AUTHOR INDEX

| AUTHOR       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--------------|---------------------|---------------------|--------------|---------------------|---------------------|---------------|---------------------|---------------------|
| KEPPLER, J Q | 8003140234          | 50-367 Q            | KEPPLER, J Q | 8003120374          | 50-367 Q            | KEPPLER, J Q  | 8003260323          | 50-483 Q            |
| KEPPLER, J Q | 8003140248          | 50-263 Q            | KEPPLER, J Q | 8003120387          | 50-263 Q            | KEPPLER, J Q  | 8003260329          | 50-266 Q            |
| KEPPLER, J Q | 8003140250          | 50-546 Q            | KEPPLER, J Q | 8003120392          | 50-546 Q            | KEPPLER, J Q  | 8003260413          | 50-155 Q            |
| KEPPLER, J Q | 8003140252          | 50-346 Q            | KEPPLER, J Q | 8003120426          | 50-346 Q            | KEPPLER, J Q  | 8003260417          | 50-409 Q            |
| KEPPLER, J Q | 8003140254          | 50-483 Q            | KEPPLER, J Q | 8003120428          | 50-483 Q            | KEPPLER, J Q  | 8003260419          | 50-331 Q            |
| KEPPLER, J Q | 8003140255          | 50-266 Q            | KEPPLER, J Q | 8003120432          | 50-266 Q            | KEPPLER, J Q  | 8003260420          | 50-346 Q            |
| KEPPLER, J Q | 8003140256          | 50-305 Q            | KEPPLER, J Q | 8003120434          | 50-305 Q            | KEPPLER, J Q  | 8003260421          | 50-305 Q            |
| KEPPLER, J Q | 8003110092          | 50-10 Q             | KEPPLER, J Q | 8003140318          | 50-315 Q            | KEPPLER, J Q  | 8003250052          | 70-36 Q             |
| KEPPLER, J Q | 8003110107          | 50-358 Q            | KEPPLER, J Q | 8003140321          | 50-10 Q             | KEPPLER, J Q  | 8003250059          | 70-8 Q              |
| KEPPLER, J Q | 8003110112          | 50-440 Q            | KEPPLER, J Q | 8003140325          | 50-155 Q            | KEPPLER, J Q  | 8003250062          | 40-3392 Q           |
| KEPPLER, J Q | 8003110113          | 50-329 Q            | KEPPLER, J Q | 8003140326          | 50-409 Q            | KEPPLER, J Q  | 8003250067          | 50-315 Q            |
| KEPPLER, J Q | 8003110117          | 50-155 Q            | KEPPLER, J Q | 8003140329          | 50-331 Q            | KEPPLER, J Q  | 8003250070          | 50-10 Q             |
| KEPPLER, J Q | 8003110120          | 50-409 Q            | KEPPLER, J Q | 8003140331          | 50-263 Q            | KEPPLER, J Q  | 8003250079          | 50-358 Q            |
| KEPPLER, J Q | 8003110123          | 50-341 Q            | KEPPLER, J Q | 8003140333          | 50-346 Q            | KEPPLER, J Q  | 8003250080          | 50-329 Q            |
| KEPPLER, J Q | 8003110125          | 50-331 Q            | KEPPLER, J Q | 8003140339          | 50-266 Q            | KEPPLER, J Q  | 8003250094          | 50-155 Q            |
| KEPPLER, J Q | 8003110129          | 50-461 Q            | KEPPLER, J Q | 8003140340          | 50-305 Q            | KEPPLER, J Q  | 8003250099          | 50-409 Q            |
| KEPPLER, J Q | 8003110131          | 50-315 Q            | KEPPLER, J Q | 8003180229          | 50-10 Q             | KEPPLER, J Q  | 8003250103          | 50-341 Q            |
| KEPPLER, J Q | 8003110134          | 50-367 Q            | KEPPLER, J Q | 8003180236          | 50-155 Q            | KEPPLER, J Q  | 8003250106          | 50-331 Q            |
| KEPPLER, J Q | 8003110137          | 50-263 Q            | KEPPLER, J Q | 8003180240          | 50-409 Q            | KEPPLER, J Q  | 8003250109          | 50-461 Q            |
| KEPPLER, J Q | 8003110141          | 50-546 Q            | KEPPLER, J Q | 8003180242          | 50-331 Q            | KEPPLER, J Q  | 8003250113          | 50-367 Q            |
| KEPPLER, J Q | 8003110143          | 50-346 Q            | KEPPLER, J Q | 8003180244          | 50-315 Q            | KEPPLER, J Q  | 8003250116          | 50-263 Q            |
| KEPPLER, J Q | 8003110147          | 50-483 Q            | KEPPLER, J Q | 8003180248          | 50-263 Q            | KEPPLER, J Q  | 8003250120          | 50-346 Q            |
| KEPPLER, J Q | 8003110150          | 50-266 Q            | KEPPLER, J Q | 8003180249          | 50-346 Q            | KEPPLER, J Q  | 8003250121          | 50-346 Q            |
| KEPPLER, J Q | 8003110153          | 50-305 Q            | KEPPLER, J Q | 8003180251          | 50-266 Q            | KEPPLER, J Q  | 8003250122          | 50-483 Q            |
| KEPPLER, J Q | 8003190312          | 50-315 Q            | KEPPLER, J Q | 8003180252          | 50-305 Q            | KEPPLER, J Q  | 8003250127          | 50-266 Q            |
| KEPPLER, J Q | 8003190316          | 50-10 Q             | KEPPLER, J Q | 8003260148          | 50-10 Q             | KEPPLER, J Q  | 8003250130          | 50-305 Q            |
| KEPPLER, J Q | 8003190327          | 50-358 Q            | KEPPLER, J Q | 8003260161          | 50-358 Q            | KEPPLER, J Q  | 8003250377          | 50-367 Q            |
| KEPPLER, J Q | 8003190329          | 50-440 Q            | KEPPLER, J Q | 8003260182          | 50-155 Q            | KEPPLER, J Q  | 8003260380          | 50-440 Q            |
| KEPPLER, J Q | 8003190335          | 50-155 Q            | KEPPLER, J Q | 8003260184          | 50-409 Q            | KEPPLER, J Q  | 8003260240          | 50-315 Q            |
| KEPPLER, J Q | 8003190341          | 50-329 Q            | KEPPLER, J Q | 8003260185          | 50-331 Q            | KEPPLER, J Q  | 8003260242          | 50-358 Q            |
| KEPPLER, J Q | 8003190343          | 50-409 Q            | KEPPLER, J Q | 8003260187          | 50-315 Q            | KEPPLER, J Q  | 8003260245          | 50-329 Q            |
| KEPPLER, J Q | 8003190345          | 50-341 Q            | KEPPLER, J Q | 8003260190          | 50-263 Q            | KEPPLER, J Q  | 8003260248          | 50-155 Q            |
| KEPPLER, J Q | 8003190348          | 50-331 Q            | KEPPLER, J Q | 8003260193          | 50-346 Q            | KEPPLER, J Q  | 8003260250          | 50-409 Q            |
| KEPPLER, J Q | 8003190355          | 50-461 Q            | KEPPLER, J Q | 8003260195          | 50-266 Q            | KEPPLER, J Q  | 8003260251          | 50-331 Q            |
| KEPPLER, J Q | 8003190357          | 50-367 Q            | KEPPLER, J Q | 8003260197          | 50-305 Q            | KEPPLER, J Q  | 8003260254          | 50-440 Q            |
| KEPPLER, J Q | 8003190362          | 50-546 Q            | KEPPLER, J Q | 8003260029          | 50-10 Q             | KEPPLER, J Q  | 8003260256          | 50-461 Q            |
| KEPPLER, J Q | 8003190364          | 50-346 Q            | KEPPLER, J Q | 8003260047          | 50-358 Q            | KEPPLER, J Q  | 8003260261          | 50-263 Q            |
| KEPPLER, J Q | 8003190367          | 50-483 Q            | KEPPLER, J Q | 8003260050          | 50-440 Q            | KEPPLER, J Q  | 8003260263          | 50-546 Q            |
| KEPPLER, J Q | 8003190372          | 50-266 Q            | KEPPLER, J Q | 8003260060          | 50-155 Q            | KEPPLER, J Q  | 8003260264          | 50-341 Q            |
| KEPPLER, J Q | 8003190376          | 50-305 Q            | KEPPLER, J Q | 8003260064          | 50-409 Q            | KEPPLER, J Q  | 8003260270          | 50-346 Q            |
| KEPPLER, J Q | 8003190468          | 50-263 Q            | KEPPLER, J Q | 8003260065          | 50-341 Q            | KEPPLER, J Q  | 8003260272          | 50-483 Q            |
| KEPPLER, J Q | 8003200486          | 50-329 Q            | KEPPLER, J Q | 8003260067          | 50-331 Q            | KEPPLER, J Q  | 8003260275          | 50-266 Q            |
| KEPPLER, J Q | 8003270001          | 50-255 Q            | KEPPLER, J Q | 8003260071          | 50-461 Q            | KEPPLER, J Q  | 8003260279          | 50-305 Q            |
| KEPPLER, J Q | 8003110157          | 50-329 Q            | KEPPLER, J Q | 8003260072          | 50-367 Q            | KEPPLER, J Q  | 8003260282          | 50-10 Q             |
| KEPPLER, J Q | 8003110169          | 50-358 Q            | KEPPLER, J Q | 8003260075          | 50-263 Q            | KERR, W       | 8003250093          | 71-348 Q            |
| KEPPLER, J Q | 8003110173          | 50-440 Q            | KEPPLER, J Q | 8003260424          | 50-315 Q            | KEPPLER, J Q  | 8003260614          | 50-2 Q              |
| KEPPLER, J Q | 8003110176          | 50-155 Q            | KEPPLER, J Q | 8003260426          | 50-10 Q             | KERR, Q W     | 8003110318*         | 10CFF               |
| KEPPLER, J Q | 8003110177          | 50-409 Q            | KEPPLER, J Q | 8003260470          | 50-358 Q            | KERR, Q W     | 8003190923          | State Prog          |
| KEPPLER, J Q | 8003110180          | 50-341 Q            | KEPPLER, J Q | 8003260472          | 50-440 Q            | KERR, Q W     | 8003110243*         | NUREG               |
| KEPPLER, J Q | 8003110182          | 50-331 Q            | KEPPLER, J Q | 8003260473          | 50-329 Q            | KERR, Q W     | 8003190967          | State Prog          |
| KEPPLER, J Q | 8003110185          | 50-461 Q            | KEPPLER, J Q | 8003260493          | 50-155 Q            | KERR, Q W     | 8003060291          | State Prog          |
| KEPPLER, J Q | 8003110186          | 50-367 Q            | KEPPLER, J Q | 8003260496          | 50-409 Q            | KERR, Q W     | 8003100044          | State Prog          |
| KEPPLER, J Q | 8003110190          | 50-263 Q            | KEPPLER, J Q | 8003260497          | 50-341 Q            | KERR, Q W     | 8003130241          | State Prog          |
| KEPPLER, J Q | 8003110192          | 50-346 Q            | KEPPLER, J Q | 8003260498          | 50-331 Q            | KERR, Q W     | 8003270284*         | State Prog          |
| KEPPLER, J Q | 8003110193          | 50-483 Q            | KEPPLER, J Q | 8003260504          | 50-461 Q            | KERR, Q W     | 8003270298*         | State Prog          |
| KEPPLER, J Q | 8003110244          | 50-10 Q             | KEPPLER, J Q | 8003260505          | 50-367 Q            | KERR, Q W     | 8003270276          | State Prog          |
| KEPPLER, J Q | 8003190197          | 50-346 P            | KEPPLER, J Q | 8003260508          | 50-263 Q            | KERR, Q W     | 8003270274          | State Prog          |
| KEPPLER, J Q | 8003190219          | 50-282 P            | KEPPLER, J Q | 8003260510          | 50-546 Q            | KERR, Q W     | 8003250114*         | 40-8698             |
| KEPPLER, J Q | 8003190228          | 118C                | KEPPLER, J Q | 8003260512          | 50-346 Q            | KERR, Q W     | 8003250098          | 40-8698             |
| KEPPLER, J Q | 8003110254          | 50-546 A            | KEPPLER, J Q | 8003260515          | 50-483 Q            | KERR, Q W     | 8003190681          | State Prog          |
| KEPPLER, J Q | 8003200194          | 50-373 H            | KEPPLER, J Q | 8003260516          | 50-295 Q            | KERR, Q W     | 8003190416          | State Prog          |
| KEPPLER, J Q | 8003200212*         | 50-373 H            | KEPPLER, J Q | 8003260517          | 50-266 Q            | KERR, Q W     | 8003310198          | State Prog          |
| KEPPLER, J Q | 8003200215*         | 50-373 H            | KEPPLER, J Q | 8003260521          | 50-305 Q            | KERR, W       | 8003170035          | 50-2 P              |
| KEPPLER, J Q | 8003200217*         | 50-373 H            | KEPPLER, J Q | 8003260525          | 50-329 Q            | KETCHEN, E Q  | 8003060457          | 50-275 Q            |
| KEPPLER, J Q | 8003190003          | 50-234 P            | KEPPLER, J Q | 8003260539          | 50-285 Q            | KETCHEN, E Q  | 8003250338          | 70-2623 Q           |
| KEPPLER, J Q | 8003120675          | 50-10 Q             | KEPPLER, J Q | 8003260540          | 50-315 Q            | KETZLACH, N   | 8003240052          | 70-33 Q             |
| KEPPLER, J Q | 8003120682          | 50-358 Q            | KEPPLER, J Q | 8003260543          | 50-282 Q            | KETZLACH, N   | 8003190998*         | 70-1100 Q           |
| KEPPLER, J Q | 8003120684          | 50-155 Q            | KEPPLER, J Q | 8003260548          | 50-546 Q            | KEVERN, T A   | 8003190729          | 50-263 P            |
| KEPPLER, J Q | 8003120687          | 50-409 Q            | KEPPLER, J Q | 8003260551          | 50-346 Q            | KIDD, M B     | 8003110207*         | 50-338 Q            |
| KEPPLER, J Q | 8003120688          | 50-331 Q            | KEPPLER, J Q | 8003260554          | 50-483 Q            | KIDD, M B     | 8003350359*         | 50-338 Q            |
| KEPPLER, J Q | 8003120689          | 50-315 Q            | KEPPLER, J Q | 8003260558          | 50-266 Q            | KILCUP, R     | 8003270425*         | TOPREP              |
| KEPPLER, J Q | 8003120692          | 50-263 Q            | KEPPLER, J Q | 8003260560          | 50-305 Q            | KILLGUTH, Q Q | 8003180256          | PR                  |
| KEPPLER, J Q | 8003120693          | 50-346 Q            | KEPPLER, J Q | 8003240193          | 50-373 A            | KING, C       | 8003310060*         | 50-320 H            |
| KEPPLER, J Q | 8003120694          | 50-266 Q            | KEPPLER, J Q | 8003240197          | 50-346 A            | KING, B       | 8003140112          | WASTE MGT           |
| KEPPLER, J Q | 8003120695          | 50-305 Q            | KEPPLER, J Q | 8003260269          | 50-373 Q            | KINKLIN, J E  | 8003260243*         | 50-484 Q            |
| KEPPLER, J Q | 8003120331          | 50-315 Q            | KEPPLER, J Q | 8003260288          | 50-10 Q             | KINNEY, W W   | 8003040026*         | 70-687              |
| KEPPLER, J Q | 8003120336          | 50-10 Q             | KEPPLER, J Q | 8003260293          | 50-358 Q            | KINNEY, W W   | 8003030052*         | 70-371              |
| KEPPLER, J Q | 8003120344          | 50-358 Q            | KEPPLER, J Q | 8003260296          | 50-440 Q            | KINTNER, L L  | 8003050151          | 50-364 A            |
| KEPPLER, J Q | 8003120345          | 50-440 Q            | KEPPLER, J Q | 8003260299          | 50-329 Q            | KINTNER, L L  | 8003130105          | 50-341 A            |
| KEPPLER, J Q | 8003120352          | 50-329 Q            | KEPPLER, J Q | 8003260300          | 50-341 Q            | KINTNER, L L  | 8003240032          | TOPREP              |
| KEPPLER, J Q | 8003120355          | 50-155 Q            | KEPPLER, J Q | 8003260302          | 50-461 Q            | KIRK, W F     | 8003310127          | 70-371              |
| KEPPLER, J Q | 8003120357          | 50-409 Q            | KEPPLER, J Q | 8003260305          | 50-315 Q            | KIRK, I A     | 8003110227*         | COMMISSION          |
| KEPPLER, J Q | 8003120363          | 50-341 Q            | KEPPLER, J Q | 8003260308          | 50-367 Q            | KIRK, I A     | 8003110222*         | COMMISSION          |
| KEPPLER, J Q | 8003120368          | 50-331 Q            | KEPPLER, J Q | 8003260310          | 50-263 Q            | KIRSCH, D F   | 8003040693*         | 50-275 Q            |
| KEPPLER, J Q | 8003120372          | 50-461 Q            | KEPPLER, J Q | 8003260319          | 50-546 Q            | KIRSHEN, A H  | 8003180561          | 50-285 Q            |

# PERSONAL AUTHOR INDEX

40

| AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|-------------------|------------------|------------------|-------------------|------------------|------------------|-----------------|------------------|------------------|
| KIRSHEN, A. H.    | 8003180568*      | 50-285 Q         | LAINAS, O.        | 8003060531       | 50-266 F         | LEONARD, J. D.  | 8003210440       | 50-333           |
| KIRSHEN, A. H.    | 8003180578       | 50-285 P         | LAINAS, O.        | 8003040149       | 50-259 F         | LEONARD, J. D.  | 8003240452       | 50-333           |
| KIRSH, D. F.      | 8003070007*      | 50-275 Q         | LAINAS, O.        | 8003170123       | 50-247 F         | LESSOR, L. C.   | 8003170486       | 50-298           |
| KISTER, H. B.     | 8003100064*      | 50-320 Q         | LAINAS, O.        | 8003190597       | 50-312 F         | LESSOR, L. C.   | 8003110655       | 50-298           |
| KISTER, H. B.     | 8003030010*      | 50-317 Q         | LAINAS, O.        | 8003070042       | 50-293 F         | LESSY, R. P.    | 8003270147*      | 50-445           |
| KISTER, H.        | 8003190307*      | 50-247 Q         | LAINAS, O.        | 8003190584       | MISC             | LESSY, R. P.    | 8003030072       | 50-445           |
| KISTER, H. B.     | 8003190912*      | 50-333 Q         | LAINAS, O.        | 8003190783       | 50-250 P         | LEUNG, J. C. M. | 8003120210       | NUREQ            |
| KISTER, H.        | 8003190899*      | 50-244 Q         | LAINAS, O.        | 8003130522       | 50-336 F         | LEVER, E. D.    | 8003180045       | PR               |
| KLEINSORGE, W. P. | 8003250136*      | 50-390 Q         | LAINAS, O.        | 8003130524       | 50-309 F         | LEVINE, G. M.   | 8003190505*      | 50-320           |
| KLEINSORGE, W. P. | 8003250388*      | 50-413 Q         | LAINAS, O.        | 8003090048       | 50-312 Q         | LEVIN, J. A.    | 8003060020       | 50-289           |
| KLEINSORGE, W. P. | 8003190752*      | 50-281 Q         | LANCASTER, K. F.  | 8003070354*      | 50-302 S         | LEVIN, C.       | 8003110101*      | 50-341           |
| KLINE, J. A.      | 8003280028       | 50-275 Q         | LANCASTER, K. F.  | 8003110666*      | 50-302 S         | LEVINE, S.      | 8003190500       | RES              |
| KLINGAMAN, R. M.  | 8003120561       | 50-320 S         | LANCASTER, K. F.  | 8003130493*      | 50-302 S         | LEWALD, G. H.   | 8003060258       | 50-471           |
| KNAPP, P.         | 8003100172       | 50-219 S         | LANCASTER, K. F.  | 8003130380*      | 50-302 S         | LEWIN, R. J.    | 8003270052       | XPORTLIC         |
| KNELLER, S. H.    | 8003130063*      | 50-273 H         | LANCASTER, K. F.  | 8003110343*      | 50-302 S         | LEWIN, M. I.    | 8003130037       | 50-320           |
| KNICELEY, J. R.   | 8003190582*      | 50-123 Q         | LANE, H.          | 8003280450*      | 50-320 H         | LEWIS, M.       | 8003060016       | 50-289           |
| KNIGHT, C. F.     | 8003240445       | XPORTLIC         | LANE, M.          | 8003060274*      | WASTE HOT        | LEWIS, M. I.    | 8003120027       | 50-289           |
| KNIGHT, J. E.     | 8003040466*      | 50-344 Q         | LANE, S. L.       | 8003200280       | WASTE HOT        | LEWIS, M. I.    | 8003120229*      | 50-289           |
| KNIGHT, J. E.     | 8003040673*      | 50-344 Q         | LANGNER, R. R.    | 8003030549       | 50-264 H         | LEWIS, M. I.    | 8003310041*      | 50-289           |
| KNIGHT, J. E.     | 8003250309*      | 50-344 Q         | LANNING, D. D.    | 8003200453       | NUREQ            | LEWIS, H. W.    | 8003060503       | 50-312           |
| KNOP, R. C.       | 8003060652*      | 50-254 S         | LANNING, D. D.    | 8003030024       | NUREQ            | LEWIS, C. E.    | 8003190895*      | FOIA             |
| KNOP, R. C.       | 8003140181*      | 50-358 Q         | LANTZ, R. M.      | 8003130680       | REG              | LEWIS, C.       | 8003190867*      | FOIA             |
| KNOP, R. C.       | 8003190641*      | 50-341 Q         | LAPHAM, W. W.     | 8003240444       | 50-367 A         | LEWIS, C. E.    | 8003190874*      | FOIA             |
| KNOP, R. C.       | 8003310145*      | 50-329 Q         | LAPHAM, W. W.     | 8003240393       | 50-367 R         | LEWIS, C. E.    | 8003190869*      | FOIA             |
| KNOP, R. C.       | 8003310114*      | 50-461 Q         | LARKINS, J. T.    | 8003240290       | TOPREP           | LEWIS, C. E.    | 8003190836*      | FOIA             |
| KNOTT, M.         | 8003280310*      | 50-289 H         | LARSEN, L. D.     | 8003190477*      | FOIA             | LEWIS, C. E.    | 8003190845*      | FOIA             |
| KNOTT, J. B.      | 8003270270       | 50-445 H         | LARSEN, L. D.     | 8003190450*      | FOIA             | LEWIS, C.       | 8003190832*      | FOIA             |
| KNOTT, J. B.      | 8003270270       | 50-445 H         | LARSEN, L. D.     | 8003190471*      | FOIA             | LEWIS, C.       | 8003190825*      | FOIA             |
| KNUTH, D. F.      | 8003060669       | PRM              | LARSON, L. K.     | 8003030022       | 50-312 Q         | LEWIS, C.       | 8003190819*      | FOIA             |
| KNUTH, D. F.      | 8003040086       | PR               | LARSON, W. L.     | 8003130010*      | 50-320 H         | LEWIS, C. E.    | 8003190813*      | FOIA             |
| KOBLICK, L.       | 8003070033       | PR               | LARSON, T. L.     | 8003170021       | 40-8348          | LEWIS, C. E.    | 8003190807*      | FOIA             |
| KOCH, R.          | 8003130683*      | 50-320 H         | LARSON, T. L.     | 8003190105       | 40-8348          | LEWIS, C. E.    | 8003190791*      | FOIA             |
| KOCH, L. J.       | 8003250482       | 50-461 S         | LARSON, H. J.     | 8003190072       | PR               | LEWIS, C. E.    | 8003190801*      | FOIA             |
| KOESTER, O. L.    | 8003190116       | 50-482 A         | LARSON, L. K.     | 8003030022       | 50-312 Q         | LEWIS, C. E.    | 8003190785*      | FOIA             |
| KOESTER, O. L.    | 8003190139       | 50-482 A         | LARSON, D. W.     | 8003110014       | PR               | LEWIS, C. E.    | 8003190779*      | FOIA             |
| KOESTER, O. L.    | 8003170039       | 50-482 A         | LATIMER, T.       | 8003260641       | 50-466 A         | LEWIS, C. E.    | 8003190761*      | FOIA             |
| KOESTER, O. L.    | 8003190125       | 50-482 A         | LAUDENBACH, D. H. | 8003140170*      | 50-272 P         | LEWIS, C. E.    | 8003190753*      | FOIA             |
| KOESTER, O. L.    | 8003060066       | 50-482 K         | LAUBE, W.         | 8003200303*      | 50-445 H         | LEWIS, C. E.    | 8003190747*      | FOIA             |
| KOESTER, O. L.    | 8003060166       | 50-482 A         | LAWTON, M. D.     | 8003190015       | 40-8084          | LEWIS, C. E.    | 8003190742*      | FOIA             |
| KOESTER, O. L.    | 8003170412       | 50-482 A         | LAYFIELD, R. L.   | 8003130460*      | 40-6264          | LEWIS, C. E.    | 8003190730*      | FOIA             |
| KOHL, K. A.       | 8003040507*      | 50-280 R         | LAYFIELD, R. L.   | 8003130463*      | 40-6264          | LEWIS, C. E.    | 8003190590*      | FOIA             |
| KOHL, K. A.       | 8003050477*      | 50-344 R         | LAYFIELD, R. L.   | 8003130314*      | 40-6264          | LEWIS, C. E.    | 8003190708*      | FOIA             |
| KOHL, K. A.       | 8003110586*      | 50-344 R         | LAYFIELD, R. L.   | 8003130303*      | 40-6264          | LEWIS, C. E.    | 8003190715*      | FOIA             |
| KOMZOR, L.        | 8003060456       | PR               | LAZO, R. M.       | 8003130069       | 50-219 Q         | LEWIS, C. E.    | 8003190704*      | FOIA             |
| KONDAS, O. S.     | 8003040206*      | CONTRACT         | LAZO, R. M.       | 8003250208       | 50-445 H         | LEWIS, C. E.    | 8003190701*      | FOIA             |
| KONKLIN, J. E.    | 8003250286*      | 50-454 Q         | LAZO, R. M.       | 8003250208       | 50-445 H         | LEWIS, C. E.    | 8003190695*      | FOIA             |
| KOPACZ, J.        | 8003200385*      | 50-254 S         | LEAHY, P. J.      | 8003060510*      | NUREQ            | LEWIS, C. E.    | 8003190684*      | FOIA             |
| KORCHYNSKY, M.    | 8003040512*      | 50-237 S         | LEAR, O.          | 8003130249       | 50-309 P         | LEWIS, C. E.    | 8003190680*      | FOIA             |
| KOTCH, J. L.      | 8003240225       | 40-8602          | LEAR, O.          | 8003140064       | 50-272 P         | LEWIS, C. E.    | 8003190577*      | FOIA             |
| KOTHARI, K. M.    | 8003120267       | NUREQ            | LEBD, C. D.       | 8003200033       | CONTRACT         | LEWIS, C. E.    | 8003190524*      | FOIA             |
| KOTSCH, J. L.     | 8003270342       | 40-8602          | LEBO, C. D.       | 8003170241       | CONTRACT         | LEWIS, C. E.    | 8003190543*      | FOIA             |
| KOVACS, B.        | 8003060083       | 71-9028          | LEE, E. W. K.     | 8003190641*      | 50-341 Q         | LEWIS, C. E.    | 8003190511*      | FOIA             |
| KOVCHYNSKY, M.    | 8003040539*      | 50-249 S         | LEE, H.           | 8003200183*      | 10CFR            | LEWIS, C. E.    | 8003190506*      | FOIA             |
| KOWALCZYK, W. J.  | 8003110667       | 50-320 P         | LEE, J.           | 8003140098       | 50-289 Q         | LEWIS, N. D.    | 8003070237       | PR               |
| KOZDOL, J. J.     | 8003180183*      | 50-285 P         | LEE, O. R.        | 8003190790*      | 50-267 Q         | LEWIS, B. R.    | 8003070362*      | 50-287           |
| KRAFT, D. C.      | 8003120408*      | 50-148 P         | LEED, R. M.       | 8003060219       | 50-522 Q         | LEWIS, B. R.    | 8003240474*      | 50-287           |
| KRAUS, K.         | 7907200433       | 50-311 Q         | LEEDY, H. J.      | 8003280306*      | 50-289 H         | LEWIS, B. R.    | 8003120521*      | 50-270           |
| KRIEHELMMEYER, H. | 8003110580       | 50-289 D         | LEGG, W. B.       | 8003250111       | PR               | LEWIS, B. R.    | 8003120433*      | 50-287           |
| KRIVENKO, T.      | 8003070221*      | 50-320 Q         | LEHMAN, L. J.     | 8003120585       | 50-320 P         | LEWIS, B. R.    | 8003200430*      | 50-269           |
| KRIVENKO, T.      | 8003190377*      | 50-320 Q         | LEHMAN, L. J.     | 8003180570       | 50-320 P         | LEWIS, F. W.    | 8003060287*      | 50-289           |
| KROEHLER, C.      | 8003170427       | 50-320 H         | LEMPGEB, T. E.    | 8003070344       | 50-220 R         | LEWIS, B. H.    | 8003040068       | 50-312           |
| KRUOG, M. E.      | 8003240578       | WASTE HOT        | LEMPGEB, T. E.    | 8003170407       | 50-220 R         | LEWIS, B. H.    | 8003190642       | 50-312           |
| KRUOG, M. E.      | 8003250467       | WASTE HOT        | LEMPGEB, T. E.    | 8003310280       | 50-220 S         | LEWIS, S. H.    | 8003190884       | 50-312           |
| KUOE, T.          | 8003280198       | XPORTLIC         | LEMPGEB, T. E.    | 8003310310       | 50-220 S         | LEWIS, R. C.    | 8003190256*      | 50-324           |
| KUOE, T.          | 8003280216       | XPORTLIC         | LENAHAN, J. J.    | 8003250074*      | 50-491 Q         | LEWIS, R. L.    | 8003060363*      | 50-259           |
| KUNDER, G. A.     | 8003180145       | 50-320 S         | LENAHAN, J. J.    | 8003190676*      | 50-400 Q         | LEWIS, R. C.    | 8003250166*      | 50-259           |
| KUNIN, R.         | 8003210428*      | 50-250 P         | LENAHAN, J. J.    | 8003190618*      | 50-566 Q         | LEWIS, R. C.    | 8003250219*      | 50-348           |
| KURTZ, R. J.      | 8003280573       | RES              | LENTSCH, J. W.    | 8003170334       | 50-344 Q         | LEWIS, R. C.    | 8003270272       | 50-324           |
| KUSHNER, W. L.    | 8003190803*      | 70-135           | LEONARD, J. D.    | 8003120480       | 50-271 H         | LEWIS, R. C.    | 8003110178       | 50-348           |
| KUSHNER, W. L.    | 8003280166*      | 70-135           | LEONARD, J. D.    | 8003040378       | 50-333 Q         | LEWIS, R. C.    | 8003110197       | 50-338           |
| LAFOND, H. W.     | 8003140456       | XPORTLIC         | LEONARD, J. D.    | 8003060529       | 50-333 Q         | LEWIS, R. C.    | 8003190644*      | 50-302           |
| LAGIEWSKI, J. B.  | 8003050512*      | 50-318 S         | LEONARD, J. D.    | 8003110040       | 50-333 S         | LEWIS, R. C.    | 8003110127       | 50-335           |
| LAINAS, O.        | 8003100146       | 50-309 P         | LEONARD, J. D.    | 8003070364       | 50-333 R         | LEWIS, R. C.    | 8003200574*      | 50-302           |
| LAINAS, O.        | 8003070290       | 50-261 F         | LEONARD, J. D.    | 8003040502       | 50-333 S         | LEWIS, R. C.    | 8003190182*      | 50-327           |
| LAINAS, O.        | 8003240152       | 50-269 F         | LEONARD, J. D.    | 8003110508       | 50-333 R         | LEWIS, R. C.    | 8003190324       | 50-259           |
| LAINAS, O.        | 8003270207       | 50-344 F         | LEONARD, J. D.    | 8003110640       | 50-333 S         | LEWIS, R. C.    | 8003190605       | 50-327           |
| LAINAS, O.        | 8003100173       | 50-29 P          | LEONARD, J. D.    | 8003110645       | 50-333 S         | LEWIS, R. C.    | 8003190585       | 50-261           |
| LAINAS, O.        | 8003270079       | 50-272 P         | LEONARD, J. D.    | 8003170137       | 50-333 S         | LEWIS, R. C.    | 8003050355       | 50-259           |
| LAINAS, O.        | 8003270092*      | 50-272 P         | LEONARD, J. D.    | 8003170322       | 50-333 S         | LEWIS, R. C.    | 8003060228*      | 50-42            |
| LAINAS, O.        | 8003120744       | 50-253 P         | LEONARD, J. D.    | 8003190539       | 50-333 S         | LEWIS, R. C.    | 8003210138*      | 50-338           |
| LAINAS, O.        | 8003140207       | 50-219 F         | LEONARD, J. D.    | 8003170490       | 50-333 S         | LEWIS, R. C.    | 8003250117       | 50-259           |
| LAINAS, O.        | 8003060533       | 50-213 F         | LEONARD, J. D.    | 8003180372       | 50-333 S         | LEWIS, R. C.    | 8003190844*      | 50-280           |
| LAINAS, O.        | 8003120275       | 50-286 P         | LEONARD, J. D.    | 8003180592       | 50-333 S         | LEWIS, R. C.    | 8003060167*      | 50-369           |
| LAINAS, O.        | 8003180031       | 50-335 F         | LEONARD, J. D.    | 8003210324       | 50-333 S         | LEWIS, R. C.    | 8003140154       | 50-348           |
| LAINAS, O.        | 8003260455       | 50-245 F         | LEONARD, J. D.    | 8003210334       | 50-333 S         | LEWIS, R. C.    | 8003130583       | 50-324           |

## PERSONAL AUTHOR INDEX

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|----------------|------------------|------------------|----------------|------------------|------------------|
| LEWIS, R C       | 8003110163       | 50-364 Q         | LITVACK, S M   | 8003060520*      | 50-361 M         | MACDONALD, C E | 8003210101       | 71-6144          |
| LEWIS, R C       | 8003120735       | 50-230 Q         | LITVACK, S M   | 8003260626       | 50-471 M         | MACDONALD, C E | 8003210103       | 71-6206          |
| LEWIS, R C       | 8003190241       | 50-324 Q         | LIU, L K       | 8003050306*      | 50-237 P         | MACDONALD, C E | 8003210580       | 71-9069          |
| LEWIS, R C       | 8003190546       | 50-390 Q         | LIVERMAN, J L  | 8003110023       | PR               | MACDONALD, C E | 8003210585       | 71-9080          |
| LEWIS, R C       | 8003200129*      | 50-302 Q         | LIVERMORE, H H | 8003120257*      | 50-461 Q         | MACDONALD, C E | 8003210588       | 71-9364          |
| LEWIS, R C       | 8003310253       | 50-327 Q         | LIVERMORE, H H | 8003310114*      | 50-461 Q         | MACDONALD, C E | 8003210591       | 71-9010          |
| LEWIS, R C       | 8003190654       | 50-302 Q         | LLOYD, J       | 8003060497*      | 50-275 U         | MACDONALD, C E | 8003240077*      | 71-376           |
| LEWIS, R C       | 8003250200       | 50-348 Q         | LOCHSTER, W A  | 8003190085       | PR               | MACDONALD, C E | 8003240086*      | 71-376           |
| LEWIS, R C       | 8003250371       | 50-259 Q         | LOEFFLER, T    | 8003060015       | PR               | MACDONALD, C E | 8003240091       | 71-374           |
| LEWIS, R C       | 8003270350       | 50-302 Q         | LONG, F J      | 8003060599       | 50-416 Q         | MACDONALD, C E | 8003240097*      | 71-374           |
| LEWIS, R C       | 8003200563       | 50-302 Q         | LORENZ, R W    | 8003050221*      | 50-133 R         | MACDONALD, C E | 8003240317       | 71-9070          |
| LEWIS, R C       | 8003210054*      | 50-299 Q         | LORENZ, R W    | 8003050228*      | 50-133 R         | MACDONALD, C E | 8003240372       | 71-6717          |
| LEWIS, R C       | 8003060347       | 50-259 Q         | LOSS, F J      | 8003040327       | NUREQ            | MACDONALD, C E | 8003250125       | 71-9032          |
| LEWIS, R C       | 8003050325       | 50-338 Q         | LOHENSEIN, R   | 8003200123*      | 10CFR            | MACDONALD, C E | 8003270509       | 71-364           |
| LEWIS, R C       | 8003060208       | 50-62 Q          | LOHENSEIN, R   | 8003200128*      | 10CFR            | MACDONALD, C E | 8003270512*      | 71-364           |
| LEWIS, R C       | 8003190168       | 50-327 Q         | LOHENSEIN, R   | 8003200128*      | 10CFR            | MACDONALD, C E | 8003280156       | 71-399           |
| LEWIS, R C       | 8003190840       | 50-280 Q         | LUCAS, R       | 8003130087*      | 50-546 Q         | MACDONALD, C E | 8003280165*      | 71-399           |
| LEWIS, R C       | 8003200124       | 50-302 Q         | LUCAS, J       | 8003110091       | PR               | MACDONALD, C E | 8003310428       | 71-4949          |
| LEWIS, R C       | 8003210130       | 50-338 Q         | LUCAS, J       | 8003180226       | PR               | MACDONALD, C E | 8003310438       | 71-9111          |
| LEWIS, R C       | 8003240610       | 50-338 Q         | LUDEWIG, H     | 8003170148       | REB              | MACDONALD, C E | 8003310443       | 71-9032          |
| LEZAK, B I       | 8003260447       | MISC             | LUNDVALL, A E  | 8003030024*      | 50-317 Q         | MACDONALD, C E | 8003240234       | 71-84            |
| LIAN, B D        | 8003070276*      | ACRS             | LUNDVALL, A E  | 8003060282*      | 50-317 Q         | MACDONALD, C E | 8003280583       | 71-6771          |
| LIBARKIN, M W    | 8003050354*      | 50-273 A         | LUNDVALL, A E  | 8003030004*      | 50-317 Q         | MACDONALD, C E | 8003280586       | 71-4824          |
| LIBBETTS, L      | 8003200534       | 50-556 H         | LUNDVALL, A E  | 8003030017*      | 50-317 Q         | MACDONALD, C E | 8003280588       | 71-9044          |
| LIBRIZZI, F P    | 8003110568       | 50-272 R         | LUNDVALL, A E  | 8003270399       | 50-317 K         | MACDONALD, C E | 8003280591       | 71-4894          |
| LIBRIZZI, F P    | 8003060537       | 50-272 S         | LUNDVALL, A E  | 8003050537       | 50-317 P         | MACDONALD, C E | 8003280595       | 71-6206          |
| LIBRIZZI, F P    | 8003060538       | 50-272 S         | LUNDVALL, A E  | 8003030299       | 50-317 P         | MACDONALD, C E | 8003280598*      | 71-6206          |
| LIBRIZZI, F P    | 8003060570       | 50-272 S         | LUNDVALL, A E  | 8003050499       | 50-317 P         | MACDONALD, C E | 8003280603       | 71-9019          |
| LIBRIZZI, F P    | 8003060594       | 50-272 S         | LUNDVALL, A E  | 8003060036       | 50-317 R         | MACDONALD, C E | 8003280607*      | 71-9019          |
| LIBRIZZI, F P    | 8003110512       | 50-272 P         | LUNDVALL, A E  | 8003170170       | 50-317 P         | MACDONALD, C E | 8003280668       | 71-5942          |
| LIBRIZZI, F P    | 8003110573       | 50-272 P         | LUNDVALL, A E  | 8003020239       | 50-317 P         | MACDONALD, C E | 8003310485       | 71-9051          |
| LIBRIZZI, F P    | 8003170261       | 50-272 P         | LUNDVALL, A E  | 8003250303       | 50-318 P         | MACDONALD, C E | 8003270365       | 71-9086          |
| LIBRIZZI, F P    | 8003210484       | 50-272 P         | LUNDVALL, A E  | 8003280240       | 50-318 P         | MACDONALD, C E | 8003270366*      | 71-9086          |
| LIBRIZZI, F P    | 8003260629       | 50-272 P         | LYCAN, O A     | 8003190338*      | 50-320 H         | MACDONALD, C E | 8003280579       | 71-9039          |
| LICCJARDO, R     | 8003280007       | 50-10 P          | LYNCH, M D     | 8003240042       | 50-397 A         | MACDONALD, C E | 8003310165       | 71-5800          |
| LICHTENBERGER    | 8003130660       | 70-1100          | LYNCH, M D     | 8003250183       | 50-367 A         | MACDONALD, C E | 8003280153       | WASTE MOT        |
| LICHTENBERGER, H | 8003140004       | 70-1100          | MACKIN, J L    | 8003110194*      | 50-280 Q         | MACDONALD, C E | 8003130400       | 71-9120          |
| LICHTENBERGER    | 8003130632       | 70-1100          | MACKLIN, L     | 8003170320       | TOPREP           | MACDONALD, C E | 8003310487*      | 50-255 Q         |
| LICHTENBERGER, H | 8003310121       | 70-1100          | MADEBA, T J    | 8003170437       | 50-344 F         | MACDONALD, C E | 8003190582*      | 50-123 Q         |
| LICITRA, E A     | 8003190772       | 50-482 A         | MADEBA, T J    | 8003170285       | 50-409 F         | MACDONALD, C E | 8003180550*      | 50-338 R         |
| LICITRA, E A     | 8003040188       | 50-275 A         | MADEBA, T J    | 8003170366       | 50-213 F         | MACDONALD, C E | 8003250280       | 71-361           |
| LICITRA, E A     | 8003120416       | 50-311 A         | MADEBA, T J    | 8003170289       | 50-245 F         | MACDONALD, C E | 8003240548       | 50-313 P         |
| LICITRA, E A     | 8003190404       | 50-328 A         | MADEBA, T J    | 8003170342       | 50-213 F         | MACDONALD, C E | 8003190089       | 50-368 B         |
| LICITRA, E A     | 8003270181       | 50-311 A         | MADEBA, T J    | 8003170387       | 50-336 F         | MACDONALD, C E | 8003140171       | 50-72 B          |
| LICITRA, E A     | 8003310143       | 50-311 A         | MADEBA, T J    | 8003170317       | 50-219 P         | MACDONALD, C E | 8003250009       | 50-267 B         |
| LICITRA, E A     | 8003310169       | 50-482 A         | MADEBA, T J    | 8003170250       | 50-335 F         | MACDONALD, C E | 8003060416       | 50-267 Q         |
| LIEBLER, O E     | 8003050435       | NUREQ            | MADEBA, T J    | 8003170488       | 50-10 F          | MACDONALD, C E | 8003190683       | 50-313 Q         |
| LIEBLER, O E     | 8003050542       | TOPREP           | MADEBA, T J    | 8003170331       | TOPREP           | MACDONALD, C E | 8003120712       | 50-382 Q         |
| LIEBLER, O E     | 8003110606       | TOPREP           | MADEBA, T J    | 8003170436       | 50-289 F         | MACDONALD, C E | 8003110241*      | 10CFR            |
| LIM, T H         | 8003250836*      | 50-224 R         | MADEBA, T J    | 8003170247       | 50-309 F         | MACDONALD, C E | 8003250160*      | 50-267 Q         |
| LIM, T H         | 8003250532       | 50-224 R         | MADEBA, T J    | 8003170255       | 50-266 F         | MACDONALD, C E | 8003170055*      | 50-262 Q         |
| LIMA, P M        | 8003180568*      | 50-285 Q         | MADEBA, T J    | 8003170377       | 50-263 F         | MACDONALD, C E | 8003190981       | 50-267 Q         |
| LINCOLN, R C     | 8003110014       | PR               | MADEBA, T J    | 8003170348       | 50-213 F         | MACDONALD, C E | 8003250324       | 50-313 Q         |
| LINDBLAD, W J    | 8003040577       | 50-514 A         | MADEBA, T J    | 8003250526       | 50-331 F         | MACDONALD, C E | 8003170020       | 50-262 Q         |
| LINDBLAD, W J    | 8003050432       | 50-344 P         | MADEBA, T J    | 8003210210*      | 71-5794          | MACDONALD, C E | 8003250156       | 50-267 Q         |
| LINDBLAD, W J    | 8003110565       | 50-344 P         | MACDONALD, C E | 8003210207*      | 71-5796          | MACDONALD, C E | 8003190098       | 50-298 Q         |
| LINDER, F        | 8003190141       | 50-155 Q         | MACDONALD, C E | 8003060069       | 71-5796          | MACDONALD, C E | 8003110122*      | 50-320 U         |
| LINDER, F        | 8003060528       | 50-409 R         | MACDONALD, C E | 8003260191       | 71-9122          | MACDONALD, C E | 8003170297*      | 50-247 S         |
| LINDER, F        | 8003270345       | 50-409 Q         | MACDONALD, C E | 8003080115       | 71-5450          | MACDONALD, C E | 8003180379*      | 50-247 S         |
| LINDER, F        | 8003110653       | 50-409 R         | MACDONALD, C E | 8003050125*      | 71-5450          | MACDONALD, C E | 8003190424*      | FOIA             |
| LINDER, F        | 8003280635       | 50-409 Q         | MACDONALD, C E | 8003100230       | 71-9137          | MACDONALD, C E | 8003190432*      | FOIA             |
| LINDER, F        | 8003180504       | 50-409 B         | MACDONALD, C E | 8003050233       | 71-5926          | MACDONALD, C E | 8003180368       | 50-409 Q         |
| LINDER, F        | 8003210485       | 50-409 F         | MACDONALD, C E | 8003050235       | 71-5926          | MACDONALD, C E | 8003170148       | REB              |
| LINDER, F        | 8003170441       | 50-409 P         | MACDONALD, C E | 8003050242       | 71-6387          | MACDONALD, C E | 8003140305       | 50-339 P         |
| LINDER, F W      | 8003180631       | 50-409 P         | MACDONALD, C E | 8003050245*      | 71-6387          | MACDONALD, C E | 8003310293       | 50-339 A         |
| LINDER, F        | 8003240413       | 50-409 R         | MACDONALD, C E | 8003050222       | 71-6697          | MACDONALD, C E | 8003040663*      | 50-344 Q         |
| LINDER, F        | 8003200462       | 50-409 P         | MACDONALD, C E | 8003050227*      | 71-6697          | MACDONALD, C E | 8003200079*      | 50-280 Q         |
| LINDER, F        | 8003280469       | 50-409 Q         | MACDONALD, C E | 8003050077       | 71-348           | MACDONALD, C E | 8003200316       | NUREQ            |
| LINDER, F        | 8003120322       | 50-409 P         | MACDONALD, C E | 8003050081*      | 71-348           | MACDONALD, C E | 8003190320*      | 50-320 H         |
| LINDLEY, H       | 8003270046       | 50-574 Q         | MACDONALD, C E | 8003070260       | 71-6642          | MACDONALD, C E | 8003260146*      | FOIA             |
| LINEHAN, J J     | 8003110028       | 40-3453          | MACDONALD, C E | 8003190966       | 71-6400          | MACDONALD, C E | 8003040561       | 50-321 S         |
| LINEHAN, J J     | 8003100220       | 40-8102          | MACDONALD, C E | 8003190711       | 71-6400          | MACDONALD, C E | 8003040545       | 50-366 B         |
| LINEHAN, J J     | 8003280488       | 40-3453          | MACDONALD, C E | 8003280404       | 71-6400          | MACDONALD, C E | 8003040592       | 50-321 S         |
| LINEHAN, J J     | 8003310204       | 40-6659          | MACDONALD, C E | 8003250068       | 71-180           | MACDONALD, C E | 8003110615       | 50-321 R         |
| LINEHAN, J J     | 8003240510       | WASTE NOT        | MACDONALD, C E | 8003250072       | 71-9             | MACDONALD, C E | 8003030551       | 50-321 R         |
| LINEHAN, J J     | 8003240232       | 40-6659          | MACDONALD, C E | 8003250081       | 71-5             | MACDONALD, C E | 8003110669       | 50-321 S         |
| LINEHAN, J J     | 8003250516       | 40-8681          | MACDONALD, C E | 8003250084       | 71-97            | MACDONALD, C E | 8003140208       | 50-321 B         |
| LINEHAN, J J     | 8003250413       | 40-3453          | MACDONALD, C E | 8003250089       | 71-291           | MACDONALD, C E | 8003210412       | 50-321 B         |
| LINEHAN, J J     | 8003250610       | 40-8452          | MACDONALD, C E | 8003230093       | 71-102           | MACDONALD, C E | 8003210391       | 50-366 B         |
| LINEBERGER, O    | 8003250209       | 50-466 Q         | MACDONALD, C E | 8003280093       | 71-189           | MACDONALD, C E | 8003210400       | 50-366 S         |
| LINEBERGER, O    | 8003200068       | 50-466 Q         | MACDONALD, C E | 8003280103       | 71-252           | MACDONALD, C E | 8003210451       | 50-321 B         |
| LINK, L W        | 8003280417*      | 50-320 H         | MACDONALD, C E | 8003280113       | 71-5086          | MACDONALD, C E | 8003210362       | 50-321 B         |
| LITRACK, S M     | 8003250521       | 50-443 M         | MACDONALD, C E | 8003280122       | 71-49            | MACDONALD, C E | 8003210406       | 50-321 B         |
| LITTLE, L W      | 8003280637       | 50-295 Q         | MACDONALD, C E | 8003280118       | 71-165           | MACDONALD, C E | 8003210433       | 50-366 B         |
| LITTLE, M        | 8003210348       | CONTRACT         | MACDONALD, C E | 8003210098       | 71-9094          | MACDONALD, C E | 8003260550       | 50-321 S         |

# PERSONAL AUTHOR INDEX

403

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|---------------|------------------|------------------|------------------|------------------|------------------|
| HANRY, H       | 8003280395       | 50-366 S         | MASON, J      | 8003050094       | 50-546 Q         | MAYER, L O       | 8003030571       | 50-282 S         |
| HANSFIELD, A   | 8003060487       | PR               | MASON, C L    | 8003190903*      | COMMISSION       | MAYER, L O       | 8003050529       | 50-263 P         |
| MANZANARES, C  | 8003130634       | 50-574 Q         | MASON, T      | 8003250350*      | 50-320 H         | MAYER, L O       | 8003030400       | 50-263 R         |
| MARCHAL, J     | 8003140091       | XPORTLIC         | MASON, H H    | 8003240507       | 50-320 T         | MAYER, L O       | 8003040420       | 50-282 F         |
| MARCHAL, J     | 8003240063       | XPORTLIC         | MASRI, S J    | 8003270037       | NUREQ            | MAYER, L O       | 8003040452       | 50-263 P         |
| MARKER, L H    | 8003050098*      | 50-546 Q         | MASSE, R E    | 8003190217       | 50-316 S         | MAYER, L O       | 8003060544       | 50-263 P         |
| MARKKEY, A K   | 8003310045*      | 50-275 Q         | MASSE, R E    | 8003130643       | 50-316 S         | MAYER, L O       | 8003110544       | 50-263 F         |
| MARKOWSKI, R S | 8003190899*      | 50-244 Q         | MATERS, B R   | 8003030506       | 50-341 H         | MAYER, L O       | 8003130458       | 50-263 Q         |
| MARSHALL, W H  | 8003190209*      | 50-329 Q         | MATERS, B R   | 8003110491       | 50-16 J          | MAYER, L O       | 8003110579       | 50-306 S         |
| MARSHALL, D D  | 8003060590       | 50-275 A         | MATHEWS, E R  | 8003030183       | 50-305 R         | MAYER, L O       | 8003120483       | 50-263 P         |
| MARSH, L B     | 8003100067       | TOPREP           | MATHEWS, E R  | 8003050458       | 50-305 S         | MAYER, L O       | 8003170267       | 50-263 R         |
| MARTIN, B J    | 8003130618*      | 50-556 H         | MATHEWS, E R  | 8003060589       | 50-305 S         | MAYER, L O       | 8003170393       | 50-282 R         |
| MARTIN, D K    | 8003230354       | 50-358 Q         | MATHEWS, E R  | 8003050491       | 50-305 R         | MAYER, L O       | 8003180552       | 50-282 P         |
| MARTIN, J E    | 8003120613       | DRG              | MATHEWS, E R  | 8003250211       | 50-305 Q         | MAYER, L O       | 8003190554       | 50-282 P         |
| MARTIN, T J    | 8003040033*      | 50-354 S         | MATHEWS, E R  | 8003110680       | 50-305 S         | MAYER, L O       | 8003190665       | 50-282 P         |
| MARTIN, T J    | 8003060455       | 50-354 Q         | MATHEWS, E R  | 8003180560       | 50-305 S         | MAYER, L O       | 8003190655       | 50-282 P         |
| MARTIN, T J    | 8003060207*      | 50-355 S         | MATHEWS, E R  | 8003180494       | 50-305 P         | MAYER, L O       | 8003210530       | 50-282 P         |
| MARTIN, T J    | 8003060242*      | 50-354 S         | MATHEWS, E R  | 8003180636       | 50-305 S         | MAYER, L O       | 8003240405       | 50-263 S         |
| MARTIN, T J    | 8003140102       | 50-354 Q         | MATHEWS, E R  | 8003260545       | 50-305 S         | MAYER, L O       | 8003240408       | 50-282 S         |
| MARTIN, R A    | 8003260552       | RES              | MATHEWS, E R  | 8003250449       | 50-305 P         | MAYER, L O       | 8003250298       | 50-282 P         |
| MARTIN, T T    | 8003280445*      | 50-206 Q         | MATHEWS, E R  | 8003280463       | 50-305 P         | MAYER, L O       | 8003240417       | 50-306 S         |
| MARTIN, T T    | 8003190435       | 50-297 S         | MATHEWS, E R  | 8003030989       | 50-305 S         | MAYER, L O       | 8003250403       | 50-263 S         |
| MARTIN, W Q    | 8003170032       | 50-201 Q         | MATHEWS, E R  | 8003270376       | 50-305 P         | MAYER, L O       | 8003240551       | 50-263 S         |
| MARTIN, W Q    | 8003280248*      | 70-135 S         | MATHEWS, E R  | 8003310311       | 50-305 S         | MAYER, L O       | 8003310256       | 50-263 R         |
| MARTIN, T      | 8003190442       | 50-293 S         | MATHIS, W     | 8003100240       | ACRS             | MAYER, L O       | 8003310358       | 50-263 S         |
| MARTIN, T      | 8003190425       | 50-297 S         | MATHUR, A K   | 8003110091       | PR               | MAYFIELD, M E    | 8003140122       | NUREQ            |
| MARTIN, T      | 8003190185       | 50-309 S         | MATODLE, J J  | 8003060757*      | 50-131 Q         | MCDONALD, A R    | 8003200296       | 70-872           |
| MARTIN, T      | 8003100157       | 50-309 S         | MATSON, V     | 8003120677       | XPORTLIC         | MCDONALD, R A    | 8003050047*      | 50-322 Q         |
| MARTIN, T      | 8003170195       | 50-297 S         | MATSON, V     | 8003120382       | XPORTLIC         | MCCABE, E C      | 8003280326       | 50-286 S         |
| MARTIN, T      | 8003200048       | 50-293 S         | MATSON, V     | 8003280317       | XPORTLIC         | MCCABE, E C      | 8003130085*      | 50-334 Q         |
| MARTIN, T T    | 8003050029*      | 50-271 Q         | MATTHEWS, C W | 8003270105*      | CONTRACT         | MCCARTHY, E      | 8003280663*      | MISC             |
| MARTIN, T T    | 8003190413*      | 50-293 Q         | MATTHEWS, P R | 8003100142       | 50-312 P         | MCCARTHY, E      | 8003060037       | State Prog       |
| MARTIN, T T    | 8003190886*      | 50-297 Q         | MATTHEWS, P R | 8003310005*      | 50-312 T         | MCCINTY, D       | 8003170106       | PR               |
| MARTIN, T T    | 8003260339*      | 50-271 Q         | MATTHEWS, P R | 8003310007*      | 50-312 T         | MCCLELLAN, C M   | 8003210344*      | 50-219 R         |
| MARTIN, W Q    | 8003060323       | 70-1143          | MATTHEWS, P R | 8003270122*      | 50-312 T         | MCCLEINTOCK, R O | 8003060447*      | 40-8188          |
| MARTIN, W Q    | 8003050162*      | 70-820           | MATTHEWS, P R | 8003270126*      | 50-312 T         | MCCLEINTOCK, R O | 8003060143*      | PT9              |
| MARTIN, W Q    | 8003270019*      | 70-135           | MATTHEWS, P R | 8003170305*      | CONTRACT         | MCCLEINTOCK, R O | 8003060291       | 40-341           |
| MARTIN, W Q    | 8003090309*      | 70-33            | MATTIA, M J   | 8003170314*      | CONTRACT         | MCCLEINTOCK, R O | 8003070165       | 40-8702          |
| MARTIN, W Q    | 8003190375*      | 70-135           | MATTIMOE, J J | 8003120697       | 50-312 Q         | MCCLEINTOCK, R O | 8003060436       | 40-8188          |
| MARTIN, W Q    | 8003080262       | 70-371           | MATTIMOE, J J | 8003100029       | 50-312 Q         | MCCLEINTOCK, R O | 8003200069       | 40-341           |
| MARTIN, W Q    | 8003110171*      | 70-2842          | MATTIMOE, J J | 8003060215       | 50-312 Q         | MCCLEINTOCK, R O | 8003190337       | MISC             |
| MARTIN, W Q    | 8003270330*      | 70-135           | MATTIMOE, J J | 8003060033       | 50-312 Q         | MCCONNELL, J W   | 8003040223*      | 50-327 H         |
| MARTIN, W Q    | 8003110162       | 70-2842          | MATTIMOE, J J | 8003120658*      | 50-312 Q         | MCCORKLE, Q W    | 8003140110       | 50-186 P         |
| MARTIN, W Q    | 8003190792*      | 70-135           | MATTIMOE, J J | 8003040412       | 50-312 P         | MCCORKLE, Q W    | 8003060241       | 70-1308          |
| MARTIN, W Q    | 8003050300       | 70-33            | MATTIMOE, J J | 8003040324       | 50-312 P         | MCCORKLE, Q W    | 8003080283       | 70-135           |
| MARTIN, W Q    | 8003050295       | 70-364           | MATTIMOE, J J | 8003040578       | 50-312 J         | MCCORKLE, Q W    | 8003050087       | 70-1739          |
| MARTIN, W Q    | 8003190149       | 70-1143          | MATTIMOE, J J | 8003040608       | 50-312 S         | MCCORKLE, Q W    | 8003060065       | 70-734           |
| MARTIN, W Q    | 8003190280       | 70-820           | MATTIMOE, J J | 8003060587       | 50-312 S         | MCCORKLE, Q W    | 8003060222       | 70-364           |
| MARTIN, W Q    | 8003110223       | 70-371           | MATTIMOE, J J | 8003060583       | 50-312 S         | MCCORKLE, Q W    | 8003060226       | 70-364           |
| MARTIN, W Q    | 8003280219       | 70-135           | MATTIMOE, J J | 8003050518       | 50-312 P         | MCCORKLE, Q W    | 8003060233       | 70-135           |
| MARTIN, W Q    | 8003280161       | 70-135           | MATTIMOE, J J | 8003110613       | 50-312 S         | MCCORKLE, Q W    | 8003040678       | 70-27            |
| MARTIN, W Q    | 8003190812*      | 70-1100          | MATTIMOE, J J | 8003110627       | 50-312 S         | MCCORKLE, Q W    | 8003040686       | 70-135           |
| MARTIN, W Q    | 8003270006       | 70-135           | MATTIMOE, J J | 8003110589       | 50-312 R         | MCCORKLE, Q W    | 8003040297       | 70-1257          |
| MARTIN, W Q    | 8003030154       | 70-820           | MATTIMOE, J J | 8003250573       | 50-312 P         | MCCORKLE, Q W    | 8003180114       | 50-267 P         |
| MARTIN, W Q    | 8003190369       | 70-135           | MATTIMOE, J J | 8003130567       | 50-312 F         | MCCORKLE, Q W    | 8003240056       | 50-317 P         |
| MARTIN, W Q    | 8003190787       | 70-135           | MATTIMOE, J J | 8003310389       | 50-312 P         | MCCORKLE, Q W    | 8003240080       | 50-206 P         |
| MARTIN, W Q    | 8003190806       | 70-1100          | MATTIMOE, J J | 8003270109       | 50-312 P         | MCCORKLE, Q W    | 8003260013       | 70-687           |
| MARTIN, W Q    | 8003190826       | 70-820           | MATTIMOE, J J | 8003260410       | 50-312 P         | MCCORKLE, Q W    | 8003290419       | 70-2623          |
| MARTIN, W Q    | 8003270323       | 70-135           | MATTIMOE, J J | 8003260326       | 50-312 P         | MCCORKLE, Q W    | 8003260164       | 70-27            |
| MARTIN, R D    | 8003250250*      | 50-348 Q         | MATTIMOE, J J | 8003260645       | 50-312 P         | MCCORKLE, Q W    | 8003290423       | 70-1257          |
| MARTIN, R      | 8003250060       | 50-302 S         | MATTIMOE, J J | 8003280541       | 50-312 P         | MCCONNELL, R M   | 8003310042*      | 50-445 H         |
| MARTIN, R      | 8003170179       | 50-269 S         | MATTIMOE, J J | 8003280594       | 50-312 P         | MCDONALD, J R    | 8003200133*      | 70-784           |
| MARTIN, R D    | 8003170187       | 50-251 S         | MATTIA, M J   | 8003200318*      | FOIA             | MCDONALD, C E    | 8003290134       | 71-5026          |
| MARTIN, R D    | 8003170201       | 50-280 S         | MATTIA, M J   | 8003040095*      | CONTRACT         | MCDONALD, C E    | 8003310451       | 71-9094          |
| MARTIN, R D    | 8003120707       | 50-338 S         | MATTIA, M J   | 8003040264*      | CONTRACT         | MCDONALD, E A    | 8003170432       | TOPREP           |
| MARTIN, O H    | 8003200015       | 50-338 S         | MATTIA, M J   | 8003050124*      | CONTRACT         | MCDOWELL-BOYER   | 8003200322       | NUREQ            |
| MARTIN, R      | 8003180265       | 50-302 S         | MATTIA, M J   | 8003040206*      | CONTRACT         | MCDUFFIE, M A    | 8003210163       | 50-400 Q         |
| MARTIN, R D    | 8003180135       | 50-302 S         | MATTIA, M J   | 8003040105*      | CONTRACT         | MCDUFFIE, M A    | 8003030411       | 50-400 F         |
| MARTIN, R D    | 8003280018       | 50-302 S         | MATTIA, M J   | 8003200044*      | CONTRACT         | MCDUFFIE, M A    | 8003210513       | 50-400 A         |
| MARTIN, R D    | 8003280032       | 50-302 S         | MATTIA, M J   | 8003191006*      | CONTRACT         | MCDUFFIE, M A    | 8003260301       | 50-400 A         |
| MARTIN, R      | 8003280046       | 50-302 S         | MATTIA, M J   | 8003280142*      | CONTRACT         | MCEVOY, H B      | 8003110047       | PR               |
| MARTIN, R D    | 8003110136*      | 50-335 Q         | MATTIA, M J   | 8003200509*      | CONTRACT         | MCEVOY, H B      | 8003180241       | PR               |
| MARTIN, R D    | 8003200586*      | 50-302 Q         | MATTIA, M J   | 8003200377*      | CONTRACT         | MCFARLAND, C F   | 8003050261*      | 50-338 Q         |
| MARTIN, R D    | 8003060176*      | 50-369 Q         | MATTIA, M J   | 8003250408*      | CONTRACT         | MCFARLAND, C R   | 8003100161       | 50-369 S         |
| MARTIN, R D    | 8003140163*      | 50-348 Q         | MATTSON, R J  | 8003140135       | 50-219 P         | MCFARLAND, C R   | 8003130366*      | QA999            |
| MARTIN, R D    | 8003200132*      | 50-302 Q         | MATTSON, R J  | 8003110160*      | NUREQ            | MCGARRY, J M     | 8003200121       | PR               |
| MARTIN, L E    | 8003180073*      | 50-445 Q         | MATTSON, R J  | 8003210186       | NUREQ            | MCGAUGHY, J P    | 8003200609*      | 50-416 Q         |
| MARTIN, J B    | 7907260214       | DRG              | MATTSON, R J  | 8003240583       | 50-320 P         | MCGAUGHY, J P    | 8003060722*      | 50-416 Q         |
| MARTIN, J B    | 8003100137       | PROJ             | MAURO, J J    | 8003240212       | PR               | MCGAUGHY, R W    | 8003280312*      | 50-412 Q         |
| MARTIN, J B    | 8003120249*      | 10CFR            | MAXEY, H J    | 8003240304*      | 50-556 H         | MCGAUGHY, R W    | 8003040082*      | 50-412 Q         |
| MARTIN, D E    | 8003060301       | PROJ             | MAXSON, R D   | 8003240143       | 71-9032          | MCGAUGHY, R W    | 8003050047*      | 50-322 Q         |
| MARTIN, D E    | 8003310437       | PROJ             | MAXWELL, F W  | 8003130028*      | 50-320 H         | MCGAUGHY, R W    | 8003050652*      | 50-423 Q         |
| MARTIN, D E    | 8003280620       | PROJ             | MAXWELL, D C  | 8003110672*      | 50-237 S         | MCGAUGHY, R W    | 8003190909*      | 50-423 Q         |
| MARTIN, D E    | 8003130543       | 50-255 P         | MAY, I        | 8003240420       | 50-320 T         | MCGAUGHY, R W    | 8003200231*      | 50-322 Q         |
| MASNIK, N T    | 8003140082*      | 50-272 A         | MAYER, L O    | 8003040481       | 50-282 R         | MCGAUGHY, R W    | 8003280155*      | 50-354 Q         |

## PERSONAL AUTHOR INDEX

| AUTHOR            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR             | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-------------------|---------------------|---------------------|---------------|---------------------|---------------------|--------------------|---------------------|---------------------|
| MCBAUGH, R. H.    | 8003280213*         | 50-412 Q            | MILLER, T. H. | 8003050053          | XPORTRIC            | MILLS, L. M.       | 8003240277          | 50-259 Q            |
| MCINTY, D.        | 8003180076          | 50-186 P            | MILLER, R. L. | 8003130135*         | 50-320 P            | MILLS, L. M.       | 8003270073          | 50-259 Q            |
| MCORATH, E. J.    | 8003200014          | WASTE MOT           | MILLER, M. I. | 8003260224          | 50-255 Q            | MILLS, L. M.       | 8003170319          | 50-390 S            |
| MCORATH, E. J.    | 8003190079          | WASTE MOT           | MILLER, L. K. | 8003180500*         | 50-272 R            | MILLS, L. M.       | 8003170479          | 50-390 S            |
| MCORATH, E. J.    | 8003310430          | WASTE MOT           | MILLER, H. E. | 8003190780          | PROJ                | MILLS, L. M.       | 8003180420          | 50-438 A            |
| MCORATH, E. J.    | 8003310442          | WASTE MOT           | MILLER, H. E. | 8003130076          | 50-445 M            | MILLS, L. M.       | 8003240487          | 50-553 H            |
| MCOREW, J. W.     | 8003210046          | 71-46               | MILLER, H. E. | 8003140130          | 50-454 Q            | MILLS, L. M.       | 8003170336          | 50-553 B            |
| MCOREGOR, L. O.   | 8003270253*         | 50-346 Q            | MILLER, H. E. | 8003130056          | 50-445 M            | MILLS, L. M.       | 8003180372          | 50-518 S            |
| MCQUIRE, P. J.    | 8003110077          | 50-293 S            | MILLER, H. E. | 8003050190          | 50-445 M            | MILLS, L. M.       | 8003180605          | 50-390 Q            |
| MCQUIRE, P. J.    | 8003190495          | 50-293 R            | MILLER, H. E. | 8003050195          | 50-445 M            | MILLS, L. M.       | 8003180620          | 50-438 S            |
| MCQUIRE, P. J.    | 8003110594          | 50-293 P            | MILLER, H. E. | 8003130022          | PROJ                | MILLS, L. M.       | 8003190421          | 50-259 K            |
| MCQUIRE, P. J.    | 8003250527          | 50-293 R            | MILLER, H. E. | 8003070191          | 50-445 M            | MILLS, L. M.       | 8003210374          | 50-518 S            |
| MCQUIRE, P. J.    | 8003240467          | 50-293 S            | MILLER, H. E. | 8003140186          | 50-445 M            | MILLS, L. M.       | 8003210407          | 50-518 S            |
| MCQUIRE, P. J.    | 8003270324          | 50-293 S            | MILLER, H. E. | 8003130030          | 50-445 M            | MILLS, L. M.       | 8003210496          | 50-259 P            |
| MCQUIRE, P. J.    | 8003040661*         | 50-344 Q            | MILLER, H. E. | 8003170092          | PROJ                | MILLS, L. M.       | 8003210506          | 50-553 Q            |
| MCURREN, H. J.    | 8003100053          | 50-498 Q            | MILLER, H. E. | 8003190872          | PROJ                | MILLS, L. M.       | 8003240494          | 50-259 P            |
| MCURREN, H. J.    | 8003250302          | 50-344 Q            | MILLER, H. E. | 8003190914          | PROJ                | MILLS, L. M.       | 8003260480          | 50-259 P            |
| MCHEERY, T. J.    | 8003190589*         | 50-261 Q            | MILLER, H. E. | 8003280627          | PROJ                | MILLS, L. M.       | 8003260494          | 50-438 S            |
| MCLOUGHLIN, M. T. | 8003060539          | 50-293 S            | MILLER, H. E. | 8003310264          | PROJ                | MILLS, L. M.       | 8003260532          | 50-390 S            |
| MCLOUGHLIN, M. T. | 8003110085*         | 50-293 S            | MILLER, H. E. | 8003250184          | 50-344 T            | MILLS, L. M.       | 8003260646          | 50-518 S            |
| MCLOUGHLIN, M. T. | 8003110090*         | 50-293 S            | MILLER, H. E. | 8003250178          | 50-344 T            | MILLS, L. M.       | 8003260369          | 50-259 F            |
| MCLOUGHLIN, M. T. | 8003110098*         | 50-293 S            | MILLER, W. O. | 8003240237          | 70-33               | MILLS, L. M.       | 8003260531          | 50-390 S            |
| MCLOUGHLIN, M. T. | 8003240472*         | 50-293 S            | MILLER, W. O. | 8003070286          | 50-321 P            | MILLS, L. M.       | 8003260478          | 50-438 S            |
| MCLOUGHLIN, M. T. | 8003270327*         | 50-293 S            | MILLER, W. O. | 8003190928          | 50-313 P            | MILLS, L. M.       | 8003260430          | 50-438 S            |
| MCILLAN, C.       | 8003060487          | PR                  | MILLER, W. O. | 8003180098          | 50-302 P            | MILLS, L. M.       | 8003280485          | 50-328 A            |
| MCILLAN, J. D.    | 8003040081          | 50-338 H            | MILLER, W. O. | 8003190013          | 50-333 P            | MILLS, L. M.       | 8003280548          | 50-259 P            |
| MCILLAN, R. B.    | 8003140459*         | 50-275 A            | MILLER, W. O. | 8003130509          | 50-346 P            | MILLS, L. M.       | 8003280452          | 50-390 S            |
| MCNAMARA, A. E.   | 8003170415*         | 50-244 R            | MILLER, W. O. | 8003130244          | 50-308 A            | MILLS, L. M.       | 8003310356          | 50-366 Q            |
| MCNEILL, W. M.    | 8003130099*         | 0A999               | MILLER, W. O. | 8003240331          | 50-329 A            | MILLS, L. M.       | 8003310140          | 50-327 A            |
| MCOSCAR, J. J.    | 8003260339*         | 50-271 Q            | MILLER, W. O. | 8003280600          | 70-1739             | MILLS, L. M.       | 8003310308          | 50-327 P            |
| MCOSCAR, J.       | 8003260405*         | 50-219 Q            | MILLER, W. O. | 8003270007          | 50-312 P            | MILLBAP, W. J.     | 8003040118*         | 70-1201             |
| MCOPHATY, C. F.   | 8003250543*         | 50-289 S            | MILLER, W. H. | 8003270317*         | 50-261 Q            | MILLOS, R.         | 8003200468*         | 50-409 P            |
| MCOPHATY, D. T.   | 8003060166          | 50-482 A            | MILLER, W. H. | 8003310091*         | 50-321 Q            | MINECK, D. L.      | 8003260488          | 50-331 S            |
| MCOPHERSON, R. B. | 8003070148*         | 70-1143             | MILLER, D. E. | 8003260336*         | 50-2 Q              | MINECK, D. L.      | 8003040468          | 50-331 R            |
| MCOPHERSON, Q. D. | 8003130286          | PROJ                | MILLER, D. E. | 8003250006          | 50-2 S              | MINECK, D. L.      | 8003040483          | 50-331 R            |
| MCOWTOON, T. O.   | 8003180444          | 50-373 A            | MILLER, L. F. | 8003050126*         | 50-206 Q            | MINECK, D. L.      | 8003030473          | 50-331 S            |
| MCOWTOON, T. O.   | 8003180530          | 50-373 A            | MILLER, H. J. | 8003060127          | 40-8647             | MINECK, D. L.      | 8003050468          | 50-331 S            |
| MECCA, J. E.      | 8003240037          | PR                  | MILLER, H. J. | 8003250427          | WASTE MOT           | MINECK, D. L.      | 8003040527          | 50-331 S            |
| MEEDLOCK, R. L.   | 8003130142          | 40-8452             | MILLER, H. E. | 8003130104          | PR                  | MINECK, D. L.      | 8003070315          | 50-331 R            |
| MEEDLOCK, R. L.   | 8003050573          | 40-8452             | MILLER, H. E. | 8003120587          | 50-445 N            | MINECK, D. L.      | 8003310248          | 71-9079             |
| MEEDLOCK, R. L.   | 8003280657          | 40-8452             | MILLER, W. O. | 8003130324*         | 40-6264             | MINECK, D. L.      | 8003120527          | 50-331 S            |
| MEEDOW, L. A. K.  | 8003191001          | CONTRACT            | MILLER, W. O. | 8003190454*         | FOIA                | MINECK, D. L.      | 8003130461          | 50-331 S            |
| MEEDOW, L. K.     | 8003170233          | CONTRACT            | MILLS, W. C.  | 8003110576          | 50-400 A            | MINECK, D. L.      | 8003180625          | 50-331 S            |
| MEEDOW, L. A.     | 8003200376          | CONTRACT            | MILLS, L. M.  | 8003050299          | 50-438 A            | MINECK, D. L.      | 8003170491          | 50-331 S            |
| MEHAFFEY, R. F.   | 8003050440*         | 50-285 S            | MILLS, L. M.  | 8003060356*         | 50-259 Q            | MINECK, D. L.      | 8003180517          | 50-331 S            |
| MEHAFFEY, R. F.   | 8003240514*         | 50-285 S            | MILLS, L. M.  | 8003250139*         | 50-259 Q            | MINECK, D. L.      | 8003180369          | 50-331 R            |
| MEHAFFEY, R. F.   | 8003240518*         | 50-285 S            | MILLS, L. M.  | 8003310267*         | 50-438 A            | MINECK, D. L.      | 8003200245          | 50-331 S            |
| MEHAFFEY, R. F.   | 8003240524*         | 50-285 S            | MILLS, L. M.  | 8003140368*         | 50-518 Q            | MINECK, D. L.      | 8003200389          | 50-331 S            |
| MEHTA, K. C.      | 8003200133*         | 70-754              | MILLS, L. M.  | 8003030066          | 50-259 Q            | MINECK, D. L.      | 8003200394          | 50-331 S            |
| MEILLIER, J.      | 8003130622*         | 50-556 H            | MILLS, L. M.  | 8003070001          | 50-259 Q            | MINECK, D. L.      | 8003240488          | 50-331 S            |
| MEKDEL, C. L.     | 8003040616*         | 50-346 S            | MILLS, L. M.  | 8003130657          | 50-390 Q            | MINECK, D. L.      | 8003250530          | 50-331 S            |
| MENARD, H. W.     | 8003250133          | 40-4492             | MILLS, L. M.  | 8003210272*         | 50-259 Q            | MINECK, D. L.      | 8003270378          | 50-331 S            |
| MENCZER, W. B.    | 8003140458          | CONTRACT            | MILLS, L. M.  | 8003250108*         | 50-390 Q            | MINECK, D. L.      | 8003310291          | 50-331 S            |
| MENCZER, W. B.    | 8003280339          | CONTRACT            | MILLS, L. M.  | 8003190596*         | 50-553 Q            | MINDOQUE, R. B.    | 8003200234          | SECY                |
| MENDREY, R. M.    | 8003120267          | NUREG               | MILLS, L. M.  | 8003190179*         | 50-327 Q            | MINDOQUE, R. B.    | 8003200115*         | 10CFR               |
| MERRILL, D. N.    | 8003200232*         | 50-443 A            | MILLS, L. M.  | 8003190004          | 40-1341             | MINDOQUE, R. B.    | 8002190212          | Central FI          |
| MERRISON, S. D.   | 8003190485          | 50-317 R            | MILLS, L. M.  | 8003210176          | 50-327 Q            | MINDOQUE, R. B.    | 8003050116*         | 10CFR               |
| MERRISON, S. D.   | 8003190491*         | 50-317 R            | MILLS, L. M.  | 8003190121*         | 50-553 Q            | MINDOQUE, R. B.    | 8003200105*         | 10CFR               |
| MESLER, R. B.     | 8003120366          | 50-148 P            | MILLS, L. M.  | 8003200336          | 50-259 Q            | MINDOQUE, R. B.    | 8003110267*         | 10CFR               |
| MESSINGER, R.     | 8003130100          | PR                  | MILLS, L. M.  | 8003030511          | 50-329 S            | MINDOQUE, R. B.    | 8003110140*         | REGOD               |
| MESSINGER, R.     | 8003190661          | PR                  | MILLS, L. M.  | 8003030524          | 50-329 B            | MISHIMA, J.        | 8003060097*         | 70-1143             |
| METRO, P.         | 8003260477          | FOIA                | MILLS, L. M.  | 8003120761          | 50-259 Q            | MISHIMA, J.        | 8003250385          | NUREG               |
| MEYER, W. H.      | 8003110588          | 50-397 A            | MILLS, L. M.  | 8003050448          | 50-518 H            | MITCHELL, L. C.    | 8003040721          | 50-320 H            |
| MEYER, J. F.      | 8003070341*         | 50-312 Q            | MILLS, L. M.  | 8003100015          | 50-259 Q            | MITCHELL, D. G.    | 8003240314*         | 50-289 R            |
| MEYER, J. O.      | 8003170371*         | 50-320 P            | MILLS, L. M.  | 8003240480          | 50-390 S            | MITNICK, M. M.     | 8003060469          | PR                  |
| MICHEL, C. J.     | 8003250616*         | 70-143              | MILLS, L. M.  | 8003190768*         | 50-518 Q            | MITTL, R. L.       | 8003030512          | 50-311 A            |
| MICHEL, C. J.     | 8003060419*         | FOIA                | MILLS, L. M.  | 8003190843*         | 50-518 Q            | MITTL, R. L.       | 8003070381          | 50-311 A            |
| MICHEL, C. J.     | 8003060430*         | FOIA                | MILLS, L. M.  | 8003030309          | 50-259 H            | MITTL, R. L.       | 8003100140          | 50-272 K            |
| MICHEL, C. J.     | 8003060230          | 71-4949             | MILLS, L. M.  | 8003030365          | 50-553 S            | MITTL, R. L.       | 8003190465          | 50-311 A            |
| MICHEL, C. J.     | 8003230607          | 70-143              | MILLS, L. M.  | 8003280322          | 40-1341             | MITTL, R. L.       | 8003190496          | 50-311 F            |
| MIDURA, H. J.     | 8003050528          | 50-272 B            | MILLS, L. M.  | 8003040459          | 50-390 S            | MITTL, R. L.       | 8003190558          | 50-311 A            |
| MIDURA, H. J.     | 8003180476          | 50-272 R            | MILLS, L. M.  | 8003050443          | 50-327 A            | MITTL, R. L.       | 8003190473          | 50-311 A            |
| MILHOLLIN, Q. L.  | 8003040292          | NUREG               | MILLS, L. M.  | 8003260131*         | 50-259 Q            | MIYABAYASHI, H.    | 8003310186          | XPORTRIC            |
| MILHOLLIN, Q. L.  | 8003130089          | 50-272 Q            | MILLS, L. M.  | 8003050437          | 50-390 S            | MIYABAYASHI, H.    | 8003250025          | XPORTRIC            |
| MILHOLLIN, Q. L.  | 8003120101          | 50-272 Q            | MILLS, L. M.  | 8003050461          | 50-438 S            | MIYABAYASHI, H.    | 8003170090          | XPORTRIC            |
| MILHOLLIN, Q. L.  | 8003130003          | 50-272 Q            | MILLS, L. M.  | 8003210097          | 50-259 Q            | MODENOS, L.        | 8003210077*         | 50-261 Q            |
| MILHOLLIN, Q. L.  | 8003200141          | 50-272 Q            | MILLS, L. M.  | 8003110595          | 50-327 S            | MODENOS, L.        | 8003050281*         | 50-269 Q            |
| MILHOLLIN, Q. L.  | 8003310245          | 50-272 Q            | MILLS, L. M.  | 8003120473          | TOPREP              | MODENOS, L.        | 8003280669*         | 50-324 Q            |
| MILL, L. M.       | 8003210387          | 50-259 P            | MILLS, L. M.  | 8003120372          | 50-438 Q            | MOE, P. R.         | 8003190414*         | FOIA                |
| MILLER, J. B.     | 8003200311          | PR                  | MILLS, L. M.  | 8003110597          | 50-327 S            | MOELLER, D. W.     | 8003190331          | ACRS                |
| MILLER, E.        | 8003050068          | 50-309 H            | MILLS, L. M.  | 8003110660          | 50-327 P            | MOFFETT, T.        | 8003060404*         | 50-346 U            |
| MILLER, J.        | 8003170096          | PR                  | MILLS, L. M.  | 8003120490          | 50-390 S            | MOORE, E. K. F. J. | 8003070369*         | 50-293 R            |
| MILLER, E. S.     | 8003190123*         | 50-309 H            | MILLS, L. M.  | 8003120571          | 50-390 S            | MONTGOMERY, J. L.  | 8003260513          | State Prog          |
| MILLER, S.        | 8003170427          | 50-320 H            | MILLS, L. M.  | 8003110644          | 50-328 A            | MONTGOMERY, D. M.  | 8003260178*         | 50-259 Q            |
| MILLER, M. I.     | 8003260224          | 50-255 Q            | MILLS, L. M.  | 8003120495          | 50-518 S            | MONTI, W. A.       | 8003170444          | 50-3 R              |



## PERSONAL AUTHOR INDEX

405

| AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------|---------------------|---------------------|---------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| MOODY, D E      | 8003040606          | 50-309 P            | MORTON, K V   | 8003270105*         | CONTRACT            | NARROW, L       | 8003280213*         | 50-412 Q            |
| MOODY, D E      | 8003170419          | 50-309 R            | MORTON, K V   | 8003280353*         | CONTRACT            | NAUGHTON, W F   | 8003110664          | 50-599 A            |
| MOODY, D E      | 8003050293          | 50-271 Q            | MORTON, K V   | 8003280367*         | CONTRACT            | NAUGHTON, W F   | 8003130401          | 50-454 S            |
| MOODY, D E      | 8003040313          | 50-271 Q            | MORTON, K V   | 8003250147*         | CONTRACT            | NAUGHTON, W F   | 8003130393          | 50-295 P            |
| MOODY, D E      | 8003050553          | 50-271 F            | MORTON, K V   | 8003280179          | CONTRACT            | NAUGHTON, W F   | 8003120612          | 50-295 P            |
| MOODY, D E      | 8003170263          | 50-271 R            | MORTON, K V   | 8003280398*         | CONTRACT            | NAUGHTON, W F   | 8003180358          | 50-295 P            |
| MOODY, D E      | 8003170423          | 50-299 R            | MORTON, K V   | 8003280662*         | CONTRACT            | NAUGHTON, W F   | 8003180345          | 50-10 P             |
| MOON, J         | 8003060625*         | 50-244 P            | MOSCHNER, R A | 8003060394          | 70-754              | NAUGHTON, W F   | 8003210505          | 50-295 P            |
| MOON, B T       | 8003250250*         | 50-346 Q            | MOSCHNER, R A | 8003050086          | 70-754              | NAUGHTON, W F   | 8003240337          | 50-295 P            |
| MOON, C W       | 8003070308          | 50-443 H            | MOSELEY, N C  | 8003030178          | 50-269 Q            | NAUGHTON, W F   | 8003270502          | 50-295 P            |
| MOON, C W       | 8003070311          | 50-443 H            | MOSKOWITZ, D  | 8003250374*         | 50-320 H            | NAUGHTON, W F   | 8003200631          | 50-295 P            |
| MOON, C W       | 8003070313          | 50-443 H            | MOTT, W E     | 8003140160          | 40-1341             | NAUGHTON, W F   | 8003200697          | 50-304 P            |
| MOON, C W       | 8003070320          | 50-443 H            | MOURING, R W  | 8003210227*         | 71-5997             | NAUGHTON, W F   | 8003250452          | 50-454 K            |
| MOON, C W       | 8003070321          | 50-443 H            | MOURY, W R    | 8003140316          | 71-5938             | NEALLEY, C      | 8003030224          | NUREQ               |
| MOON, C W       | 8003040060          | 50-466 G            | MOURY, W R    | 8003120398          | 71-9072             | NEARY, M P      | 8003240092          | RES                 |
| MOON, C W       | 8003120388          | 50-443 H            | MUCHNICK, E D | 8003140153          | PR                  | NECHODOM, W S   | 8003190315          | 70-1257             |
| MOON, C W       | 8003120453          | 50-443 H            | MUIR, C O     | 8003180100          | XPORTLIC            | NEIGHBORS, D    | 8003130646          | 50-280 P            |
| MOON, C W       | 8003190839          | 50-443 H            | MULLER, D H   | 7910180094          | MISC                | NEIGHBORS, D    | 8003170162          | 50-281 P            |
| MOON, C W       | 8003190042          | 50-466 Q            | MULLER, D R   | 8003100012          | 50-320 H            | NEIGHBORS, D    | 8003100233          | 50-280 P            |
| MOON, C         | 8003250104          | PR                  | MULLER, D R   | 8003190099          | 50-320 H            | NEIGHBORS, D    | 8003270051          | 50-261 P            |
| MOORE, T        | 8003130611*         | 50-556 H            | MULLER, D R   | 8003170101          | 50-320 P            | NEIGHBORS, D    | 8003310107          | 50-280 P            |
| MOORE, K D      | 8003210037*         | FOIA                | MUNKELWITZ, H | 8003120427          | NUREQ               | NEIGHBORS, D    | 8003310162          | 50-280 F            |
| MOORE, J B      | 8003190224          | 70-1143             | MUNRO, J J    | 8003140320          | 71-9141             | NEILSON, R M    | 8003030221          | NUREQ               |
| MOORE, D E      | 8003130194*         | 50-324 Q            | MUNSON, J T   | 8003120635*         | 50-129 P            | NEILSON, R M    | 8003040254          | NUREQ               |
| MOORE, Q W      | 8003060577          | 50-334 R            | MURPHY, J J   | 8003280398*         | CONTRACT            | NEILSON, R M    | 8003200316          | NUREQ               |
| MOORE, Q C      | 8003040431          | 50-302 P            | MURPHY, P H   | 8003260224          | 50-255 Q            | NELSON, P R     | 8003070300          | 50-225 R            |
| MOORE, Q C      | 8003040620          | 50-302 R            | MURPHY, P H   | 8003260235*         | 50-255 Q            | NELSON, H K     | 8003190239*         | MISC                |
| MOORE, Q C      | 8003120337          | 50-302 H            | MURPHY, P H   | 8003260224          | 50-255 Q            | NELSON, R L     | 8003280245*         | 50-305 Q            |
| MOORE, Q C      | 8003110510          | 50-302 F            | MURPHY, P H   | 8003260235*         | 50-255 Q            | NERONEY, R N    | 8003100198          | NUREQ               |
| MOORE, R N      | 8003190745          | XPORTLIC            | MURPHY, M J   | 8003060551*         | 50-272 S            | NESSITT, J C    | 8003040405          | 50-29 J             |
| MOORE, R N      | 8003240240          | XPORTLIC            | MURPHY, M J   | 8003060567*         | 50-272 S            | NETH, P C       | 8003180213*         | 50-320 H            |
| MOORE, R N      | 8003280285          | XPORTLIC            | MURPHY, M J   | 8003260372*         | 50-272 S            | NEUFELD, W R    | 8003240186*         | 40-1341             |
| MOORE, R N      | 8003240386          | XPORTLIC            | MURPHY, M J   | 8003060603*         | 50-272 S            | NEUMANN, M R    | 8003240183          | 40-8697             |
| MOORE, R N      | 8003240390*         | XPORTLIC            | MURPHY, W P   | 8003180551          | 50-271 S            | NEUMAN, R W     | 8003280558          | 50-458 A            |
| MOORE, R N      | 8003250032          | XPORTLIC            | MURPHY, W P   | 8003180559*         | 50-271 S            | NEWELL, J R     | 8003060709          | 50-250 Q            |
| MOORE, R N      | 8003250036          | XPORTLIC            | MURPHY, W P   | 8003210561          | 50-271 S            | NEWFELD, W R    | 8003130637          | 40-1341             |
| MOORE, R N      | 8003280258          | XPORTLIC            | MURPHY, W P   | 8003210366*         | 50-271 S            | NEWMARK, N M    | 8003310250          | 50-237 P            |
| MOORE, R N      | 8003280264          | XPORTLIC            | MURPHY, C E   | 8003210307*         | 50-400 Q            | NEWMAN, P S     | 8003190754          | 40-7869             |
| MOORE, R N      | 8003280270          | XPORTLIC            | MURPHY, C E   | 8003210277          | 50-400 Q            | NEWMAN, J R     | 8003250269          | PR                  |
| MOORE, R N      | 8003280277          | XPORTLIC            | MURPHY, C E   | 8003310200*         | 50-424 Q            | NEWMAN, J R     | 8003060660          | 50-498 Q            |
| MOORE, R N      | 8003280305          | XPORTLIC            | MURPHY, C E   | 8003250048*         | 50-491 Q            | NEWMAN, J R     | 8003130672          | 70-143 Q            |
| MOORE, R N      | 8003240192          | XPORTLIC            | MURPHY, C E   | 8003060480          | 50-318 Q            | NEWMAN, J R     | 8003060660          | 50-498 Q            |
| MOORE, R N      | 8003250033          | XPORTLIC            | MURPHY, C E   | 8003120239          | 50-327 Q            | NEXON, M H      | 8003250541          | 50-10 I             |
| MOORE, R N      | 8003240103          | XPORTLIC            | MURPHY, C E   | 8003190261*         | 50-390 Q            | NICHOLL, L      | 8003240299*         | 50-556 H            |
| MOORE, R N      | 8003240109          | XPORTLIC            | MURPHY, C E   | 8003110431*         | 50-395 Q            | NICHOLS, S C    | 8003280008          | PROJ                |
| MOORE, R N      | 8003310457          | XPORTLIC            | MURPHY, C E   | 8003210090          | 50-281 Q            | NICHOLS, S C    | 8003280008          | PROJ                |
| MOORE, R N      | 8003310476          | XPORTLIC            | MURPHY, C E   | 8003270252          | 50-250 Q            | NICHOLS, B C    | 8003280008          | PROJ                |
| MOORE, R N      | 8003280964          | XPORTLIC            | MURPHY, C E   | 8003280396*         | 50-390 Q            | NICHOLS, J P    | 8003110006          | PR                  |
| MOORE, J E      | 8003050301          | 50-155 Q            | MURPHY, C E   | 8003190432*         | 50-269 Q            | NICHOLS, J P    | 8003110019          | PR                  |
| MOORE, J E      | 8003060325          | 50-272 Q            | MURPHY, C E   | 8003310076          | 50-321 Q            | NICHOLAS, H H   | 8003040051*         | 50-272 Q            |
| MOORE, J E      | 8003240622          | 50-272 Q            | MURPHY, C E   | 8003210069*         | 50-261 Q            | NICHOLAS, H H   | 8003060292*         | 50-311 Q            |
| MOORE, D E      | 8003310389*         | 70-2477             | MURRAY, T D   | 8003040471          | 50-346 S            | NICHOLAS, H H   | 8003050079*         | 50-387 Q            |
| MOORE, D E      | 8003090271*         | 50-338 Q            | MURRAY, T D   | 8003040168          | 50-346 R            | NICHOLAS, H H   | 8003190502*         | 50-387 Q            |
| MOORE, D E      | 8003070328*         | 50-406 Q            | MURRAY, T D   | 8003040609          | 50-346 S            | NICOLLOBI, S L  | 8003120427          | NUREQ               |
| MOORE, V A      | 8002120108          | 50-369 F            | MURRAY, T D   | 8003040579          | 50-346 S            | NIELSEN, E L    | 8003040025*         | 50-289 Q            |
| MORALES-SANCHEZ | 8003110593          | 50-272 P            | MURRAY, T D   | 8003040597          | 50-346 S            | NILSON, R       | 8003040059          | 70-1257             |
| MORAN, W E      | 8003280129          | 71-372              | MURRAY, J D   | 8003110559          | 50-346 S            | NILSON, R       | 8003050025          | 70-1257             |
| MORRISON, C     | 8003190767*         | 50-320 H            | MURRAY, T D   | 8003110566          | 50-346 S            | NILSON, R       | 8003050027*         | 70-1257             |
| MORRIS, B.      | 8003050526          | 50-295 Q            | MURRAY, T D   | 8003110526          | 50-346 S            | NIMITZ, R L     | 8003190773*         | 50-272 Q            |
| MORRIS, O       | 8003190635*         | 50-445 H            | MURRAY, T D   | 8003110635          | 50-346 S            | NIMITZ, R L     | 8003280643*         | 50-219 Q            |
| MORRISON, W H   | 8003200202*         | 10CFR               | MURRAY, T D   | 8003110684          | 50-346 S            | NIMITZ, R       | 8003270457          | 50-219 S            |
| MORROW, D       | 8003130649          | 40-B721             | MURRAY, T D   | 8003130461          | 50-346 R            | NIX, R T        | 8003040563*         | 50-321 S            |
| MORROW, D       | 8003240059          | 40-B502             | MURRAY, T D   | 8003140286          | 50-346 S            | NIX, R T        | 8003110673*         | 50-321 S            |
| MORROW, D       | 8003250485          | 40-B390             | MURRAY, T D   | 8003180502          | 50-346 S            | NIX, R T        | 8003210416*         | 50-321 S            |
| MORSE, A. K     | 8003050528          | 50-409 H            | MURRAY, T D   | 8003170401          | 50-346 S            | NIX, R T        | 8003210395*         | 50-366 S            |
| MORSE, A. K     | 8003260511          | 50-409 Q            | MURRAY, T D   | 8003280482          | 50-346 S            | NIXON, W A      | 8003190203          | 40-2061             |
| MORTON, P W     | 8003260483          | REGOQ               | MURRAY, T D   | 8003280508          | 50-346 S            | NIXON, W        | 8003270094          | 70-139              |
| MORTON, P W     | 8003190973          | REGOQ               | MUSTAIN, M J  | 8003280624*         | 40-B452             | NOON, J         | 8003060613*         | 50-244 P            |
| MORTON, P W     | 8003140136          | REGOQ               | MYNATT, F R   | 8003120659          | RES                 | NOON, J         | 8003060616*         | 50-244 P            |
| MORTON, K V     | 8003200022*         | CONTRACT            | MYRABO, A L   | 8003170269*         | 50-263 R            | NOONAN, V B     | 7909260370          | MISC                |
| MORTON, K V     | 8003200011          | CONTRACT            | MYRABO, A L   | 8003310258*         | 50-263 R            | NOONAN, V       | 8003130225          | 50-295 P            |
| MORTON, K V     | 8003200013*         | CONTRACT            | MYRABO, A L   | 8003240564*         | 50-263 S            | NOONAN, V B     | 8003270461          | 50-301 Q            |
| MORTON, K V     | 8003190290*         | CONTRACT            | NAIDU, K S    | 8003180132*         | REGOQ               | NORDERHAUG, L R | 8003120182          | 50-206 Q            |
| MORTON, K V     | 8003310394          | CONTRACT            | NALEPKA, D S  | 8003260608*         | 50-305 S            | NORDERHAUG, L R | 8003030177          | 70-734              |
| MORTON, K V     | 8003190784*         | CONTRACT            | NALEPKA, D S  | 8003260616*         | 50-305 S            | NORDERHAUG, L R | 8003120648          | 50-375 Q            |
| MORTON, K V     | 8003260043*         | CONTRACT            | NALEPKA, D S  | 8003260621*         | 50-305 S            | NORDERHAUG, L R | 8003170004          | 50-375 Q            |
| MORTON, K V     | 8003200029*         | CONTRACT            | NALEPKA, D S  | 8003260625*         | 50-305 S            | NORDERHAUG, L R | 8003050186          | 70-1257             |
| MORTON, K V     | 8003200031*         | CONTRACT            | NALEPKA, D S  | 8003310316*         | 50-305 S            | NORDERHAUG, L R | 8003050182          | 70-734              |
| MORTON, K V     | 8003200023*         | CONTRACT            | NARBUT, P P   | 8003140179*         | 50-328 Q            | NORDERHAUG, L R | 8003170026          | 50-142 Q            |
| MORTON, K V     | 8003310475*         | CONTRACT            | NARBUT, P P   | 8003060769*         | 50-460 Q            | NORDERHAUG, L R | 8003120754          | 50-375 Q            |
| MORTON, K V     | 8003190194*         | CONTRACT            | NARDACCI, O A | 8003110554*         | 50-320 R            | NORDERHAUG, L R | 8003260033          | 50-206 Q            |
| MORTON, K V     | 8003190802*         | CONTRACT            | NARROW, L     | 8003040082*         | 50-412 Q            | NORDERHAUG, L R | 8003310125          | 50-397 Q            |
| MORTON, K V     | 8003310490*         | CONTRACT            | NARROW, L     | 8003080047*         | 50-322 Q            | NORDERHAUG, L R | 8003310130          | 50-344 Q            |
| MORTON, K V     | 8003190842          | CONTRACT            | NARROW, L     | 8003280312*         | 50-412 Q            | NORDERHAUG, L R | 8003310166          | 50-397 Q            |
| MORTON, K V     | 8003190847*         | CONTRACT            | NARROW, L     | 8003200231*         | 50-322 Q            | NORIAN, P E.    | 8003270160*         | 50-312 T            |



## PERSONAL AUTHOR INDEX

| AUTHOR            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-------------------|---------------------|---------------------|-----------------|---------------------|---------------------|-----------------|---------------------|---------------------|
| NORIAN, P. E.     | 8003270163*         | 50-312 T            | O'REILLY, J. P. | 8003170069          | 50-437 Q            | O'REILLY, J. P. | 8003180171          | 50-269 Q            |
| NORIAN, P. E.     | 8003270169*         | 50-312 T            | O'REILLY, J. P. | 8003190078          | 50-348 Q            | O'REILLY, J. P. | 8003180173          | 50-302 Q            |
| NORIAN, P. E.     | 8003270173*         | 50-312 T            | O'REILLY, J. P. | 8003190080          | 50-261 Q            | O'REILLY, J. P. | 8003180177          | 50-230 Q            |
| NORIAN, P. E.     | 8003270174*         | 50-312 T            | O'REILLY, J. P. | 8003190087          | 50-488 Q            | O'REILLY, J. P. | 8003180181          | 50-321 Q            |
| NORIAN, P. E.     | 8003310469          | 50-312 T            | O'REILLY, J. P. | 8003190095          | 50-269 Q            | O'REILLY, J. P. | 8003180185          | 50-416 Q            |
| NORIAN, P. E.     | 8003310473          | 50-312 T            | O'REILLY, J. P. | 8003190102          | 50-302 Q            | O'REILLY, J. P. | 8003180187          | 50-348 Q            |
| NORIAN, P. E.     | 8003310478          | 50-312 T            | O'REILLY, J. P. | 8003190107          | 50-250 Q            | O'REILLY, J. P. | 8003180189          | 50-257 Q            |
| NORIAN, P. E.     | 8003310481          | 50-312 T            | O'REILLY, J. P. | 8003190113          | 50-321 Q            | O'REILLY, J. P. | 8003180191          | 50-395 Q            |
| NORIAN, P. E.     | 8003310031*         | 50-312 T            | O'REILLY, J. P. | 8003190119          | 50-395 Q            | O'REILLY, J. P. | 8003180193          | 50-395 Q            |
| NORIAN, P. E.     | 8003310034*         | 50-312 T            | O'REILLY, J. P. | 8003190122          | 50-395 Q            | O'REILLY, J. P. | 8003180195          | 50-280 Q            |
| NORIAN, P. E.     | 8003310037*         | 50-312 T            | O'REILLY, J. P. | 8003190124          | 50-259 Q            | O'REILLY, J. P. | 8003180307          | 50-348 Q            |
| NORIAN, P. E.     | 8003310038*         | 50-312 T            | O'REILLY, J. P. | 8003190143          | 50-280 Q            | O'REILLY, J. P. | 8003180309          | 50-261 Q            |
| NORIAN, P. E.     | 8003310040*         | 50-312 T            | O'REILLY, J. P. | 8003190147          | 50-437 Q            | O'REILLY, J. P. | 8003180318          | 50-486 Q            |
| NORRANHOLM, L. J. | 8003060272*         | 50-311 G            | O'REILLY, J. P. | 8003190464          | 50-13 Q             | O'REILLY, J. P. | 8003180322          | 50-269 Q            |
| NORRIS, J. R.     | 8003040601*         | 50-276 S            | O'REILLY, J. P. | 8003190467          | 50-437 Q            | O'REILLY, J. P. | 8003190017          | 50-302 Q            |
| NORRIS, J. R.     | 8003070374*         | 50-260 S            | O'REILLY, J. P. | 8003190471          | 50-160 Q            | O'REILLY, J. P. | 8003190020          | 50-250 Q            |
| NORRIS, J. R.     | 8003280659          | MISC                | O'REILLY, J. P. | 8003190484          | 50-538 Q            | O'REILLY, J. P. | 8003190025          | 50-321 Q            |
| NORRIS, J. R.     | 8003280063          | 50-275 Q            | O'REILLY, J. P. | 8003190487          | 50-111 Q            | O'REILLY, J. P. | 8003190031          | 50-416 Q            |
| NOSENZO, L. V.    | 8003310355*         | SECV                | O'REILLY, J. P. | 8003190488          | 50-406 Q            | O'REILLY, J. P. | 8003190034          | 50-395 Q            |
| NOSENZO, L. V.    | 8003040230*         | SECV                | O'REILLY, J. P. | 8003190492          | 50-83 Q             | O'REILLY, J. P. | 8003190035          | 50-395 Q            |
| NOSENZO, L. V.    | 8003250107*         | SECV                | O'REILLY, J. P. | 8003190494          | 50-62 Q             | O'REILLY, J. P. | 8003190039          | 50-259 Q            |
| NOSENZO, L. V.    | 8003040719          | XPORTLIC            | O'REILLY, J. P. | 8003190495          | 50-124 Q            | O'REILLY, J. P. | 8003190055          | 50-280 Q            |
| NOSENZO, L. V.    | 8003040723          | XPORTLIC            | O'REILLY, J. P. | 8003190499          | 50-129 Q            | O'REILLY, J. P. | 8003190062          | 50-437 Q            |
| NOSENZO, L. V.    | 8003050005          | XPORTLIC            | O'REILLY, J. P. | 8003190501          | 50-348 Q            | O'REILLY, J. P. | 8003180107          | 50-348 Q            |
| NOSENZO, L. V.    | 8003050065          | XPORTLIC            | O'REILLY, J. P. | 8003190509          | 50-261 Q            | O'REILLY, J. P. | 8003180112          | 50-261 Q            |
| NOSENZO, L. V.    | 8003050049          | XPORTLIC            | O'REILLY, J. P. | 8003190521          | 50-269 Q            | O'REILLY, J. P. | 8003180123          | 50-269 Q            |
| NOSENZO, L. V.    | 8003050064          | XPORTLIC            | O'REILLY, J. P. | 8003190525          | 50-302 Q            | O'REILLY, J. P. | 8003180162          | 50-302 Q            |
| NOSENZO, L. V.    | 8003050159          | XPORTLIC            | O'REILLY, J. P. | 8003190527          | 50-250 Q            | O'REILLY, J. P. | 8003180137          | 50-250 Q            |
| NOSENZO, L. V.    | 8003050164          | XPORTLIC            | O'REILLY, J. P. | 8003190532          | 50-321 Q            | O'REILLY, J. P. | 8003180155          | 50-321 Q            |
| NOSENZO, L. V.    | 8003060004          | XPORTLIC            | O'REILLY, J. P. | 8003190533          | 50-416 Q            | O'REILLY, J. P. | 8003180156          | 50-395 Q            |
| NOSENZO, L. V.    | 8003060010          | XPORTLIC            | O'REILLY, J. P. | 8003190541          | 50-395 Q            | O'REILLY, J. P. | 8003180158          | 50-259 Q            |
| NOSENZO, L. V.    | 8003310486          | XPORTLIC            | O'REILLY, J. P. | 8003190543          | 50-395 Q            | O'REILLY, J. P. | 8003180162          | 50-280 Q            |
| NOSENZO, L. V.    | 8003240272          | 70-2805             | O'REILLY, J. P. | 8003190548          | 50-280 Q            | O'REILLY, J. P. | 8003140387          | 50-259 Q            |
| NOSENZO, L. V.    | 8003240030          | XPORTLIC            | O'REILLY, J. P. | 8003190549          | 50-321 P            | O'REILLY, J. P. | 8003140395          | 50-416 Q            |
| NOSENZO, L. V.    | 8003240033          | XPORTLIC            | O'REILLY, J. P. | 8003240010          | 50-324 Q            | O'REILLY, J. P. | 8003140396          | 50-437 Q            |
| NOSENZO, L. V.    | 8003280546          | XPORTLIC            | O'REILLY, J. P. | 8003240011          | 50-321 Q            | O'REILLY, J. P. | 8003140397          | 50-302 Q            |
| NOSENZO, L. V.    | 8003280612          | XPORTLIC            | O'REILLY, J. P. | 8003240015          | 50-416 Q            | O'REILLY, J. P. | 8003140400          | 50-250 Q            |
| NOVAK, T. M.      | 8003270131*         | 50-312 T            | O'REILLY, J. P. | 8003240019          | 50-259 Q            | O'REILLY, J. P. | 8003140402          | 50-348 Q            |
| NOVAK, T. M.      | 8003270140*         | 50-312 T            | O'REILLY, J. P. | 8003180109          | 50-348 Q            | O'REILLY, J. P. | 8003140404          | 50-395 Q            |
| NOVAK, T. M.      | 8003270145*         | 50-312 T            | O'REILLY, J. P. | 8003180116          | 50-261 Q            | O'REILLY, J. P. | 8003140406          | 50-261 Q            |
| NOVAK, T. M.      | 8003270150          | 50-312 T            | O'REILLY, J. P. | 8003180127          | 50-269 Q            | O'REILLY, J. P. | 8003140407          | 50-321 Q            |
| NOVAK, T. M.      | 8003100236          | 50-312 T            | O'REILLY, J. P. | 8003180130          | 50-488 Q            | O'REILLY, J. P. | 8003140409          | 50-488 Q            |
| NOVAK, T. M.      | 8003310433          | 50-312 T            | O'REILLY, J. P. | 8003180022          | 50-348 Q            | O'REILLY, J. P. | 8003140414          | 50-267 Q            |
| NOVAK, T. M.      | 8003310009*         | 50-312 T            | O'REILLY, J. P. | 8003180025          | 50-364 Q            | O'REILLY, J. P. | 8003140416          | 50-280 Q            |
| NOVAK, T. M.      | 8003310012*         | 50-312 T            | O'REILLY, J. P. | 8003180028          | 50-324 Q            | O'REILLY, J. P. | 8003180067          | 50-348 Q            |
| NOVAK, T. M.      | 8003310015*         | 50-312 T            | O'REILLY, J. P. | 8003180034          | 50-261 Q            | O'REILLY, J. P. | 8003180069          | 50-241 Q            |
| NOVAK, T. M.      | 8003310019*         | 50-312 T            | O'REILLY, J. P. | 8003180036          | 50-269 Q            | O'REILLY, J. P. | 8003180070          | 50-267 Q            |
| NOVARRO, J. P.    | 8003040050          | 50-322 Q            | O'REILLY, J. P. | 8003180046          | 50-370 Q            | O'REILLY, J. P. | 8003180072          | 50-302 Q            |
| NOVARRO, J. P.    | 8003050137          | 50-322 Q            | O'REILLY, J. P. | 8003180049          | 50-488 Q            | O'REILLY, J. P. | 8003180074          | 50-250 Q            |
| NOVARRO, J. P.    | 8003050246          | 50-322 A            | O'REILLY, J. P. | 8003180054          | 50-302 Q            | O'REILLY, J. P. | 8003180077          | 50-321 Q            |
| NOVARRO, J. P.    | 8003200497          | 50-322 S            | O'REILLY, J. P. | 8003180058          | 50-389 Q            | O'REILLY, J. P. | 8003180085          | 50-416 Q            |
| NOVICKI, S. J.    | 8003170697          | 50-219 P            | O'REILLY, J. P. | 8003180060          | 50-250 Q            | O'REILLY, J. P. | 8003180088          | 50-395 Q            |
| NUSENT, E. L.     | 8003060031          | 40-2239             | O'REILLY, J. P. | 8003180063          | 50-321 Q            | O'REILLY, J. P. | 8003180090          | 50-259 Q            |
| NUSENT, E. L.     | 8003280079          | 40-2239             | O'REILLY, J. P. | 8003180076          | 50-416 Q            | O'REILLY, J. P. | 8003180093          | 50-280 Q            |
| NUNN, D. E.       | 8003180497          | 50-361 S            | O'REILLY, J. P. | 8003180078          | 50-395 Q            | O'REILLY, J. P. | 8003180121          | 50-348 Q            |
| NUSSBAUMER, D. A. | 8003130486*         | 40-6264             | O'REILLY, J. P. | 8003180079          | 50-395 Q            | O'REILLY, J. P. | 8003180124          | 50-261 Q            |
| NUSSBAUMER, D. A. | 8003130483*         | 40-6264             | O'REILLY, J. P. | 8003180081          | 50-404 Q            | O'REILLY, J. P. | 8003180133          | 50-269 Q            |
| NUSSBAUMER, D. A. | 8003130474*         | 40-6264             | O'REILLY, J. P. | 8003180082          | 50-259 Q            | O'REILLY, J. P. | 8003180300          | 50-488 Q            |
| NUSSBAUMER, D. A. | 8003130455*         | 40-6264             | O'REILLY, J. P. | 8003180086          | 50-327 Q            | O'REILLY, J. P. | 8003180303          | 50-302 Q            |
| NUSSBAUMER, D. A. | 8003130354*         | 40-6264             | O'REILLY, J. P. | 8003180089          | 50-280 Q            | O'REILLY, J. P. | 8003180305          | 50-250 Q            |
| O'BRIEN, L. J.    | 8003110289          | NUREO               | O'REILLY, J. P. | 8003190386          | 50-348 Q            | O'REILLY, J. P. | 8003180310          | 50-321 Q            |
| O'BRIEN, R.       | 8003240179          | 71-6717             | O'REILLY, J. P. | 8003190390          | 50-261 Q            | O'REILLY, J. P. | 8003180315          | 50-416 Q            |
| O'BRIEN, R.       | 8003240204          | 71-9006             | O'REILLY, J. P. | 8003190398          | 50-488 Q            | O'REILLY, J. P. | 8003180317          | 50-437 Q            |
| O'BRIEN, R.       | 8003240158          | 71-9035             | O'REILLY, J. P. | 8003190405          | 50-269 Q            | O'REILLY, J. P. | 8003180321          | 50-395 Q            |
| O'BRIEN, R.       | 8003240149          | 71-9027             | O'REILLY, J. P. | 8003190417          | 50-302 Q            | O'REILLY, J. P. | 8003180324          | 50-280 Q            |
| O'CONNOR, P.      | 8003190811          | 50-3 P              | O'REILLY, J. P. | 8003190422          | 50-250 Q            | O'REILLY, J. P. | 8003190003          | 50-259 Q            |
| O'CONNOR, P. H.   | 8003190816          | 50-29 P             | O'REILLY, J. P. | 8003190430          | 50-321 Q            | O'REILLY, J. P. | 8003270226          | 50-269 Q            |
| O'NEILL, R. R.    | 8003050439          | 50-142 B            | O'REILLY, J. P. | 8003190436          | 50-416 Q            | O'REILLY, J. P. | 8003270011          | 50-437 Q            |
| O'NEILL, R. R.    | 8003270058          | 50-142 P            | O'REILLY, J. P. | 8003190440          | 50-395 Q            | O'REILLY, J. P. | 8003270014          | 50-395 Q            |
| O'NEILL, J. H.    | 7910310125*         | 50-346 Q            | O'REILLY, J. P. | 8003190441          | 50-259 Q            | O'REILLY, J. P. | 8003270016          | 50-395 Q            |
| O'NEILL, J. H.    | 7910310125*         | 50-346 Q            | O'REILLY, J. P. | 8003190456          | 50-280 Q            | O'REILLY, J. P. | 8003270018          | 50-348 Q            |
| O'REILLY, J. P.   | 8003120217*         | 50-269 Q            | O'REILLY, J. P. | 8003190466          | 50-437 Q            | O'REILLY, J. P. | 8003270020          | 50-302 Q            |
| O'REILLY, J. P.   | 8003200611*         | 50-416 Q            | O'REILLY, J. P. | 8003210044          | 50-259 Q            | O'REILLY, J. P. | 8003270024          | 50-250 Q            |
| O'REILLY, J. P.   | 8003050344*         | 50-338 Q            | O'REILLY, J. P. | 8003060467          | 50-389 Q            | O'REILLY, J. P. | 8003270026          | 50-424 Q            |
| O'REILLY, J. P.   | 8003170003          | 50-348 Q            | O'REILLY, J. P. | 8003140035          | 50-348 Q            | O'REILLY, J. P. | 8003270029          | 50-269 Q            |
| O'REILLY, J. P.   | 8003170007          | 50-261 Q            | O'REILLY, J. P. | 8003140036          | 50-261 Q            | O'REILLY, J. P. | 8003270034          | 50-261 Q            |
| O'REILLY, J. P.   | 8003170013          | 50-488 Q            | O'REILLY, J. P. | 8003140038          | 50-269 Q            | O'REILLY, J. P. | 8003270037          | 50-488 Q            |
| O'REILLY, J. P.   | 8003170031          | 50-269 Q            | O'REILLY, J. P. | 8003140041          | 50-250 Q            | O'REILLY, J. P. | 8003270040          | 50-327 Q            |
| O'REILLY, J. P.   | 8003170037          | 50-302 Q            | O'REILLY, J. P. | 8003140044          | 50-321 Q            | O'REILLY, J. P. | 8003270045          | 50-280 Q            |
| O'REILLY, J. P.   | 8003170040          | 50-321 Q            | O'REILLY, J. P. | 8003140047          | 50-302 Q            | O'REILLY, J. P. | 8003260186          | 50-364 Q            |
| O'REILLY, J. P.   | 8003170044          | 50-416 Q            | O'REILLY, J. P. | 8003140050          | 50-416 Q            | O'REILLY, J. P. | 8003260189          | 50-400 Q            |
| O'REILLY, J. P.   | 8003170046          | 50-395 Q            | O'REILLY, J. P. | 8003140052          | 50-395 Q            | O'REILLY, J. P. | 8003260203          | 50-261 Q            |
| O'REILLY, J. P.   | 8003170049          | 50-395 Q            | O'REILLY, J. P. | 8003140056          | 50-259 Q            | O'REILLY, J. P. | 8003260206          | 50-269 Q            |
| O'REILLY, J. P.   | 8003170052          | 50-259 Q            | O'REILLY, J. P. | 8003140058          | 50-280 Q            | O'REILLY, J. P. | 8003260209          | 50-367 Q            |
| O'REILLY, J. P.   | 8003170066          | 50-280 Q            | O'REILLY, J. P. | 8003180169          | 50-261 Q            | O'REILLY, J. P. | 8003260211          | 50-488 Q            |

## PERSONAL AUTHOR INDEX

407

| AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------|---------------------|---------------------|-----------------|---------------------|---------------------|------------------|---------------------|---------------------|
| O'REILLY, J P  | 8003260217          | 50-302 Q            | ORTIZ, M A      | 8003050102*         | 70-135              | PARKER, W D      | 8003310392          | 50-369 Q            |
| O'REILLY, J P  | 8003260219          | 50-250 Q            | ORTLOFF, G D    | 8003140005          | 40-8102             | PARKER, W D      | 8003110340          | 50-413 S            |
| O'REILLY, J P  | 8003260221          | 50-389 Q            | OSANN, E. W     | 8003190611          | 50-367 Q            | PARKER, W D      | 8003120514          | 50-270 S            |
| O'REILLY, J P  | 8003260226          | 50-321 Q            | OST, F          | 8003170303*         | 50-304 S            | PARKER, W D      | 8003120425          | 50-287 S            |
| O'REILLY, J P  | 8003260228          | 50-424 Q            | OST, F          | 8003200407*         | 50-304 S            | PARKER, W D      | 8003120533          | 50-269 Q            |
| O'REILLY, J P  | 8003260230          | 50-416 Q            | OTTOSON, H L    | 8003040259          | 50-206 R            | PARKER, W D      | 8003120603          | 50-413 S            |
| O'REILLY, J P  | 8003260232          | 50-423 Q            | OTTOSON, H L    | 8003040642          | 50-206 S            | PARKER, W D      | 8003190507          | 50-269 P            |
| O'REILLY, J P  | 8003260234          | 50-395 Q            | OTTOSON, H L    | 8003180612          | 50-206 Q            | PARKER, W D      | 8003170393          | 50-287 P            |
| O'REILLY, J P  | 8003260238          | 50-395 Q            | OTTOSON, H L    | 8003280476          | 50-206 S            | PARKER, W C      | 8003140383          | 50-269 P            |
| O'REILLY, J P  | 8003260239          | 50-328 Q            | OTTOSON, H L    | 8003280421          | 50-206 S            | PARKER, W D      | 8003170312          | 50-369 A            |
| O'REILLY, J P  | 8003260253          | 50-259 Q            | OUBRE, R P      | 8003170440          | 50-312 S            | PARKER, W D      | 8003180197          | 50-270 P            |
| O'REILLY, J P  | 8003260260          | 50-339 Q            | QUITS, J E      | 8003190269*         | 50-324 Q            | PARKER, W D      | 8003180449          | 50-270 P            |
| O'REILLY, J P  | 8003260262          | 50-437 Q            | QUITS, J E      | 8003270222*         | 50-324 Q            | PARKER, W D      | 8003180609          | 50-269 P            |
| O'REILLY, J P  | 8003260409          | 50-348 Q            | QUITS, J E      | 8003130591*         | 50-324 Q            | PARKER, W D      | 8003200463          | 50-269 P            |
| O'REILLY, J P  | 8003260411          | 50-280 Q            | OVERLID, T.     | 8003250409*         | 50-263 S            | PARKER, W D      | 8003190518          | 50-269 R            |
| O'REILLY, J P  | 8003250478          | 50-332 Q            | OVERMYER, R F   | 8003250394          | NUREG               | PARKER, W D      | 8003210509          | 50-413 S            |
| O'REILLY, J P  | 8003250508          | 70-1201             | OWEN, J R       | 8003130647*         | 50-320 H            | PARKER, W D      | 8003200400          | 50-369 A            |
| O'REILLY, J P  | 8003250509          | 70-824              | OWEN, J B       | 8003190523          | TOPREP              | PARKER, W D      | 8003200423          | 50-269 S            |
| O'REILLY, J P  | 8003250512          | 70-27               | OWSLEY, Q F     | 8003110541          | TOPREP              | PARKER, W D      | 8003200449          | 50-269 P            |
| O'REILLY, J P  | 8003250515          | 70-1113             | OWSLEY, Q F     | 8003260643          | 50-244 P            | PARKER, W D      | 8003280287          | 50-369 F            |
| O'REILLY, J P  | 8003250518          | 70-143              | PACALA, E H     | 8003130278*         | 50-320 H            | PARKER, W D      | 8003270398          | 50-269 P            |
| O'REILLY, J P  | 8003250519          | 50-437 Q            | PADJAK, B S     | 8003070038          | PR                  | PARKER, W D      | 8003280533          | 50-369 A            |
| O'REILLY, J P  | 8003250522          | 70-1319             | PAGANO, C L     | 8003190670          | PR                  | PARKER, W D      | 8003270369          | 50-269 P            |
| O'REILLY, J P  | 8003250523          | 70-1151             | PAGANO, C L     | 8003130107          | PR                  | PARKER, W D      | 8003280467          | 50-269 P            |
| O'REILLY, J P  | 8003250540          | 50-348 Q            | PAGE, R Q       | 8003120461          | 50-438 A            | PARMENTER, F H   | 8003030146          | 50-445 H            |
| O'REILLY, J P  | 8003250547          | 50-261 Q            | PAGE, R Q       | 8003120469*         | 50-438 A            | PARR, O D        | 8003100128          | 50-339 A            |
| O'REILLY, J P  | 8003250553          | 50-488 Q            | PAGE, R Q       | 8003110106          | 70-135              | PARR, O D        | 8003060061          | 50-339 A            |
| O'REILLY, J P  | 8003250561          | 50-267 Q            | PAGE, R Q       | 8003110111*         | 70-135              | PARR, O D        | 8003260205          | 50-311 A            |
| O'REILLY, J P  | 8003250565          | 50-250 Q            | PAGE, R Q       | 8003250325          | 50-361 A            | PARR, O D        | 8003240127          | 50-373 F            |
| O'REILLY, J P  | 8003250570          | 50-321 Q            | PAGE, R Q       | 8003190992          | 70-1100             | PARR, O D        | 8003140216          | 50-483 H            |
| O'REILLY, J P  | 8003250572          | 50-259 Q            | PAGE, R Q       | 8003280411          | 70-1100             | PARR, O D        | 8003140219*         | 50-483 H            |
| O'REILLY, J P  | 8003250580          | 50-280 Q            | PAGE, R Q       | 8003190033          | 40-3392             | PARR, O D        | 8003190682          | 50-482 A            |
| O'REILLY, J P  | 8003250584          | 50-302 Q            | PAGLIARDI, J A  | 8003110376          | 1&E                 | PARR, O D        | 8003240012          | 50-483 H            |
| O'REILLY, J P  | 8003250585          | 50-416 Q            | PAGLIARDI, J A  | 8003110372          | 1&E                 | PARR, O D        | 8003250472          | 50-387 A            |
| O'REILLY, J P  | 8003250587          | 50-395 Q            | PAGLIARDI, J A  | 8003130382          | 1&E                 | PARR, O D        | 8003270186          | 50-404 A            |
| O'REILLY, J P  | 8003260131          | 50-437 Q            | PAIGE, A R      | 8003200585          | FOIA                | PARR, O D        | 8003310349          | 50-373 A            |
| O'REILLY, J P  | 8003260137          | 50-488 Q            | PAMAZAK, H      | 8003060253          | 70-2539             | PARR, O D        | 8003240594          | 50-339 A            |
| O'REILLY, J P  | 8003260166          | 50-267 Q            | PANETTA, L      | 8003260659*         | 50-275 Q            | PARR, O D        | 8003240206          | 50-339 A            |
| O'REILLY, J P  | 8003260171          | 50-250 Q            | PANISKO, F E    | 8003050131          | NUREG               | PARR, O D        | 8003280426          | 50-311 A            |
| O'REILLY, J P  | 8003260177          | 50-321 Q            | PAOLINO, R J    | 8003030104*         | 50-322 Q            | PARR, O D        | 8003060599          | 50-387 A            |
| O'REILLY, J P  | 8003260181          | 50-259 Q            | PAOLINO, R J    | 8003200231*         | 50-322 Q            | PARRIS, H G      | 8003190532          | 50-327 J            |
| O'REILLY, J P  | 8003260200          | 50-280 Q            | PAPAY, L T      | 8003280433*         | 50-206 Q            | PARSHALL, G W    | 8003040710*         | 50-320 H            |
| O'REILLY, J P  | 8003260207          | 50-261 Q            | PAPAY, T        | 8003080117*         | 50-206 Q            | PARSONS, R       | 8003270052          | XPORTLIC            |
| O'REILLY, J P  | 8003260212          | 50-348 Q            | PAPERIELLO, C J | 8003140132          | 1&E                 | PARTLOW, J G     | 8003050258          | 70-364              |
| O'REILLY, J P  | 8003260214          | 50-302 Q            | PARTIS, D H     | 8003260210          | 50-322 Q            | PARTLOW, J G     | 8003190002          | 70-371              |
| O'REILLY, J P  | 8003260216          | 50-414 Q            | PARKER, W E     | 8003310035*         | 50-320 H            | PARTLOW, J G     | 8003190040          | 70-143              |
| O'REILLY, J P  | 8003260218          | 50-395 Q            | PARKER, L T     | 80033210023         | FOIA                | PARTLOW, J G     | 8003190423          | 70-143              |
| OSERO, C R     | 8003270445          | 50-498 S            | PARKER, W D     | 8003050021          | 70-2623             | PARTLOW, J G     | 8003280239          | 70-1201             |
| OSERO, C R     | 8003310237*         | 50-458 Q            | PARKER, W D     | 8003080176          | 70-2623             | PASANO, A N      | 8003110382          | 50-320 S            |
| OSERO, C R     | 8003280492*         | 50-482 Q            | PARKER, W D     | 8003120214*         | 50-269 Q            | PATON, W D       | 8003040245          | 50-369 Q            |
| OESTMANN, M J  | 8003250066*         | 50-305 Q            | PARKER, W D     | 8003030409          | 50-369 S            | PATON, W D       | 8003060657          | 50-514 Q            |
| OESTMANN, M J  | 8003240599*         | 50-282 Q            | PARKER, W D     | 8003030542          | 50-270 S            | PATON, W D       | 8003080422          | 50-536 Q            |
| ODDEN, D K     | 8003110629          | RES                 | PARKER, W D     | 8003200209*         | 50-269 Q            | PATON, W D       | 8003240622          | 50-272 Q            |
| OH, C.         | 7910300474*         | 11BC                | PARKER, W D     | 8003310159          | PR                  | PATON, W D       | 8003280019          | 50-329 Q            |
| OLDHAM, R H    | 8003240191*         | 40-8677             | PARKER, W D     | 8003200026          | 50-269 Q            | PATTERSON, R     | 8003210278*         | 50-320 Q            |
| OLLER, R E     | 8003100124*         | 0A999               | PARKER, W D     | 8003240102          | 50-413 Q            | PATTERSON, J P   | 8003070322*         | 50-255 Q            |
| OLMSTEAD, W J  | 8003190204          | 50-327 Q            | PARKER, W D     | 8003240107          | 50-369 Q            | PATTERSON, J P   | 8003210349*         | 50-2 Q              |
| OLMSTEAD, W J  | 8003040243          | 50-389 Q            | PARKER, W D     | 8003270044          | 50-269 Q            | PATTEY, J P      | 8003310432*         | 50-254 Q            |
| OLSEN, F M     | 8003240430          | 50-409 Q            | PARKER, W D     | 8003190128*         | 50-269 Q            | PAUL, R A        | 8003260336*         | 50-2 Q              |
| OLSEN, A F     | 8003240171          | 70-824              | PARKER, W D     | 8003250375*         | 50-413 Q            | PAVNE, H R       | 8003120618          | RES                 |
| OLSEN, A F     | 8003310185          | 70-824              | PARKER, W D     | 8003060162          | 50-369 Q            | PEABODY, C A     | 8003120399          | NUREG               |
| OLSHAN, L      | 8003190130          | 50-247 P            | PARKER, W D     | 8003060237          | 50-269 Q            | PECK, C C        | 8003190328          | 1&E                 |
| OLSHAN, L      | 8003190130          | 50-247 P            | PARKER, W D     | 8003100031          | 50-269 Q            | PEEPLES, W P     | 8003030002          | PR                  |
| OLSHAN, L      | 8003190136          | 50-247 P            | PARKER, W D     | 8003190988          | 50-269 Q            | PEERY, W W       | 8003190609*         | 27-47               |
| OLSHAN, L N    | 8003130320          | 50-247 P            | PARKER, W D     | 8003170041          | 50-269 Q            | PELLEGRINO, E D  | 8003060021*         | 50-77 Q             |
| OLSON, R C L   | 8003240626          | REGOD               | PARKER, W D     | 8003180153          | 50-269 Q            | PELTIER, I A     | 8003240566          | 50-358 A            |
| OLSON, A W     | 8003250278          | NUREG               | PARKER, W D     | 80032000324         | PR                  | PENDERGRAFT, R A | 8003250469*         | 50-368 R            |
| ONCAYAGE, M P. | 8003110662          | 50-250 H            | PARKER, W D     | 80032000514         | PR                  | PENDERGRAFT, R   | 8003030838*         | 50-368 S            |
| ONSDORFF, K A  | 8003260536          | 50-272 Q            | PARKER, W D     | 8003190192*         | 50-269 Q            | PENDERGRAFT, R   | 8003030540*         | 50-368 S            |
| OPEKA, J. F.   | 8003180366          | 50-336 R            | PARKER, W D     | 8003270233*         | 50-269 Q            | PENDERGRAFT, R   | 8003310370*         | 50-368 S            |
| OPEKA, J. F.   | 8003050287          | 50-336 S            | PARKER, W D     | 8003190600          | 27-47               | PENDERGRAFT, R   | 8003180478*         | 50-368 S            |
| OPEKA, J. F.   | 8003030465          | 50-336 S            | PARKER, W D.    | 8003210233          | 50-413 Q            | PENDERGRAFT, R   | 8003180483*         | 50-368 S            |
| OPEKA, J. F.   | 8003040613          | 50-243 R            | PARKER, W D.    | 8003130208          | 50-269 Q            | PENDERGRAFT, R   | 8003180491*         | 50-368 S            |
| OPEKA, J. F.   | 8003070331          | 50-336 S            | PARKER, W D.    | 8003050442          | 50-269 F            | PENDERGRAFT, R.  | 8003190609*         | 50-368 R            |
| OPEKA, J. F.   | 8003190475          | 50-243 R            | PARKER, W D     | 8003030563          | 50-270 Q            | PENGOW, C A      | 8003210204          | 71-5796             |
| OPEKA, J. F.   | 8003190533          | 50-336 R            | PARKER, W D     | 8003030572*         | 50-270 Q            | PENGE, W B       | 8003030388*         | 50-317 S            |
| OPEKA, J. F.   | 8003200491          | 50-336 S            | PARKER, W D.    | 8003050433          | 50-269 R            | PEOPLES, D. L.   | 8003280654*         | 50-254 Q            |
| OPEKA, J. F.   | 8003240497          | 50-245 S            | PARKER, W D.    | 8003200476          | 50-270 Q            | PEOPLES, D. L.   | 8003240636          | REGOD               |
| OPEKA, J. F.   | 8003280517          | 50-245 S            | PARKER, W D.    | 8003240049          | 50-269 Q            | PEOPLES, D. L.   | 8003190843*         | 50-456 Q            |
| OPEKA, J. F.   | 8003280510          | 50-336 S            | PARKER, W D.    | 8003070360          | 50-287 S            | PEOPLES, D. L.   | 8003130357*         | 50-247 P            |
| OPREA, O. W.   | 8003130692*         | 50-498 Q            | PARKER, W. O.   | 8003070361          | 50-269 P            | PEOPLES, D. L.   | 8003130678*         | 50-265 Q            |
| OPREA, O. W.   | 8003130688*         | 50-498 Q            | PARKER, W. O.   | 8003110349          | 50-369 S            | PEOPLES, D. L.   | 8003030353          | 50-295 P            |
| OPREA, O. W.   | 8003040211          | 50-498 S            | PARKER, W. O.   | 8003110561          | 50-413 S            | PEOPLES, D. L.   | 8003110463          | 50-237 P            |
| OPREA, O. W.   | 8003100001          | 50-471 A            | PARKER, W. O.   | 8003240469          | 50-287 S            | PEOPLES, D. L.   | 8003030515          | 50-374 S            |
| OPREA, O. W.   | 8003130693*         | 50-498 Q            | PARKER, W. O.   | 8003240519          | 50-413 S            | PEOPLES, D. L.   | 8003200076          | 50-10 Q             |

## PERSONAL AUTHOR INDEX

| AUTHOR        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------|---------------------|---------------------|-----------------|---------------------|---------------------|------------------|---------------------|---------------------|
| PEOPLES, D L  | 8003270346          | 50-237 P            | PETERSON, M R   | 8003110166          | XPORTLIC            | PLEASANT, E M    | 8003250342          | 50-346 Q            |
| PEOPLES, D L  | 8003130453          | 50-295 P            | PETERSON, M R   | 8003110172          | XPORTLIC            | PLEASANT, J C    | 8003180236          | PR                  |
| PEOPLES, D L  | 8003190492          | 50-295 Q            | PETERSON, M R   | 8003110213          | XPORTLIC            | FLESSET, M S     | 8003070232          | ACRS                |
| PEOPLES, D L  | 8003270112          | 50-249 Q            | PETERSON, M R   | 8003110225          | XPORTLIC            | FLESSET, M S     | 8003040266          | COMMISSION          |
| PEOPLES, D L  | 8003110432          | 50-268 P            | PETERSON, M R   | 8003110404          | XPORTLIC            | FLESSET, M S     | 8003270175          | COMMISSION          |
| PEOPLES, D L  | 8003170464          | 50-10 P             | PETERSON, M R   | 8003110411          | XPORTLIC            | PLUMLEE, K       | 8003030032*         | 50-317 Q            |
| PEOPLES, D L  | 8003210534          | 50-10 F             | PETERSON, M R   | 8003110414          | XPORTLIC            | PLUMLEE, K E     | 8003140092*         | 50-77 Q             |
| PEOPLES, D L  | 8003190342          | 50-373 K            | PETERSON, M R   | 8003110417          | XPORTLIC            | POCHAL, W F      | 8003050173          | XPORTLIC            |
| PEOPLES, D L  | 8003250511          | 50-3 H              | PETERSON, M R   | 8003110422          | XPORTLIC            | POCHAL, W F      | 8003070256          | XPORTLIC            |
| PEOPLES, D L  | 8003240464          | 50-237 P            | PETERSON, M R   | 8003120350          | XPORTLIC            | POCHAL, W F      | 8003050204          | XPORTLIC            |
| PEOPLES, D L  | 8003270371          | 50-249 P            | PETERSON, M R   | 8003120398          | XPORTLIC            | POCHAL, W F      | 8003280183          | XPORTLIC            |
| PEPPER, D W   | 8003100130*         | 70-1257             | PETERSON, M R   | 8003120400          | XPORTLIC            | POCHAL, W F      | 8003280206          | XPORTLIC            |
| PEPPER, D W   | 8003250157*         | 70-754              | PETERSON, M R   | 8003120402          | XPORTLIC            | POINDEXTER, T C  | 8003280369          | 50-320 P            |
| PEREZ, J B    | 8003190710*         | 50-556 Q            | PETERSON, M R   | 8003120403          | XPORTLIC            | POIRIER, M R     | 8003030081          | 50-498 H            |
| PERKINS, J    | 8003170029*         | 50-320 Q            | PETERSON, M R   | 8003140166          | XPORTLIC            | POIRIER, M R     | 8003030110          | 50-498 H            |
| PERKINS, J    | 8003280136          | 50-387 Q            | PETERSON, M R   | 8003140367          | 40-8052             | POIRIER, M R     | 8003190963          | 50-498 H            |
| PERKINS, T J  | 8003180126          | 50-220 S            | PETERSON, M R   | 8003190244          | XPORTLIC            | POLLARD, R Q     | 8003300681          | 50-289 Q            |
| PERKINS, T J  | 8003140013          | 50-220 S            | PETERSON, M R   | 8003190252          | XPORTLIC            | POLLARD, R Q     | 8003100068          | 50-289 Q            |
| PERKINS, T J  | 8003170411*         | 50-220 R            | PETERSON, M R   | 8003190260          | XPORTLIC            | POLLARD, R Q     | 8003100079*         | 50-289 Q            |
| PERKINS, H A  | 8003040725          | 50-317 S            | PETERSON, M R   | 8003120375          | XPORTLIC            | POLLARD, R Q     | 8003100081*         | 50-289 Q            |
| PERLMAN, J    | 8003200178          | CONTRACT            | PETERSON, M R   | 8003120390          | XPORTLIC            | POLLARD, R Q     | 8003100086*         | 50-289 Q            |
| PERLMAN, J    | 8003190809          | CONTRACT            | PETERSON, M R   | 8003140061          | MISC                | POLLARD, R P     | 8003310429*         | NUREG               |
| PERLMAN, J    | 8003270159          | CONTRACT            | PETERSON, M R   | 8003190313          | XPORTLIC            | POLLARD, J P     | 8003250168          | NUREG               |
| PERNY, C D    | 8003060675*         | 50-250 Q            | PETERSON, M R   | 8003240177          | XPORTLIC            | POND, G M        | 8003040685          | 50-389 H            |
| PERNY, C D    | 8003130662          | 50-389 S            | PETERSON, M R   | 8003190311          | XPORTLIC            | POOLE, D C       | 8003040480          | 50-302 R            |
| PERREAULT, N  | 8003290088          | 50-556 H            | PETERSON, M R   | 8003240098          | XPORTLIC            | POPE, R B        | 8003250280          | 71-361              |
| PERRET, Y M   | 8003260506          | 50-320 Q            | PETERSON, M R   | 8003240100          | XPORTLIC            | PORTER, S W      | 8003270080          | 50-320 P            |
| PERRIGO, L D  | 8003260436          | RES                 | PETERSON, M R   | 8003240106          | XPORTLIC            | PORTER, W L      | 8003050165          | 70-2623             |
| PERROTT, D J  | 8003250348*         | 70-1113             | PETERSON, M R   | 8003250087          | XPORTLIC            | POTAPOV, U       | 8003100223*         | QA999               |
| FERRY, J A    | 8003130092*         | QA999               | PETERSON, N R   | 8003270374          | XPORTLIC            | POTAPOV, U       | 8003130358*         | QA999               |
| FERRY, P A    | 8003120341          | 50-155 I            | PETERSON, M R   | 8003270377          | XPORTLIC            | POTAPOV, U       | 8003190349*         | QA999               |
| FERRY, J C    | 8003110580*         | 50-344 S            | PETERSON, M R   | 8003270380          | XPORTLIC            | POTAPOV, U       | 8003130350*         | QA999               |
| FERRY, J C    | 8003130387*         | 50-344 S            | PETERSON, M R   | 8003310385          | XPORTLIC            | POTAPOV, U       | 8003100111*         | QA999               |
| FERRY, J C    | 8003170308*         | 50-344 S            | PETERSON, M R   | 8003250495          | XPORTLIC            | POTAPOV, U       | 8003100237          | QA999               |
| FERRY, W      | 8003280244          | 70-791              | PETERSON, M R   | 8003280075          | XPORTLIC            | POTAPOV, U       | 8003110099          | QA999               |
| FERSINKO, D   | 8003040683*         | 50-344 Q            | PETERSON, M R   | 8003280200          | XPORTLIC            | POTAPOV, U       | 8003100141          | QA999               |
| FERSINKO, D   | 8003040688*         | 50-344 Q            | PETERSON, M R   | 8003250489          | XPORTLIC            | POTAPOV, U       | 8003110095          | QA999               |
| FERSINKO, D   | 8003250350*         | 50-344 Q            | PETERSON, M R   | 8003260031          | XPORTLIC            | POTAPOV, U       | 8003130095*         | QA999               |
| FERSINKO, D   | 8003280532*         | 50-344 Q            | PETERSON, M R   | 8003260039*         | XPORTLIC            | POTAPOV, U       | 8003100285          | QA999               |
| FERSON, L S   | 8003050024          | WASTE MGT           | PETERSON, M R   | 8003280057          | XPORTLIC            | POTAPOV, U       | 8003140114          | QA999               |
| PETERKA, J A  | 8003100188          | NUREG               | PETERSON, M R   | 8003280068          | XPORTLIC            | POTAPOV, U       | 8003270328          | QA999               |
| PETERSON, M R | 8003190764          | WASTE MGT           | PETERSON, M R   | 8003280556          | XPORTLIC            | POTAPOV, U       | 8003140204*         | QA999               |
| PETERSON, M R | 8003190746*         | XPORTLIC            | PETERSON, M R   | 8003280574          | XPORTLIC            | POTAPOV, U       | 8003310096*         | QA999               |
| PETERSON, M R | 8003240245*         | XPORTLIC            | PETERSON, M R   | 8003280519          | XPORTLIC            | POTAPOV, U       | 8003130338          | QA999               |
| PETERSON, M R | 8003240180*         | XPORTLIC            | PETERSON, M R   | 8003280534          | XPORTLIC            | POTAPOV, U       | 8003270123          | QA999               |
| PETERSON, M R | 8003130625          | XPORTLIC            | PETERSON, M R   | 8003280523          | XPORTLIC            | POTAPOV, U       | 8003100217          | QA999               |
| PETERSON, M R | 8003030064          | XPORTLIC            | PETERSON, M R   | 8003280530          | XPORTLIC            | POTAPOV, U       | 8003100097          | QA999               |
| PETERSON, M R | 8003130240          | XPORTLIC            | PETERSON, M R   | 8003280146          | XPORTLIC            | POTAPOV, U       | 8003130347          | QA999               |
| PETERSON, M R | 8003130408          | XPORTLIC            | PETERSON, J C   | 8003030117          | 50-239 Q            | POTAPOV, U       | 8003190330          | QA999               |
| PETERSON, M R | 8003040726          | XPORTLIC            | PETKO, W J      | 8003170019*         | 50-320 H            | POTAPOV, U       | 8003130090          | QA999               |
| PETERSON, M R | 8003090004          | XPORTLIC            | PETRIK, N A     | 8003250393*         | 50-482 S            | POTAPOV, U       | 8003300094          | QA999               |
| PETERSON, M R | 8003040198          | XPORTLIC            | PETRIK, N A     | 8003130003          | 50-482 Q            | POTAPOV, U       | 8003140189          | QA999               |
| PETERSON, M R | 8003190603          | XPORTLIC            | PETRIK, N A     | 8003140024          | 50-482 Q            | POTE, D R        | 8003200567*         | CONTRACT            |
| PETERSON, M R | 8003190614          | XPORTLIC            | PETRIK, N A     | 8003190100          | 50-482 S            | POTTER, J        | 8003170215          | 1E                  |
| PETERSON, M R | 8003190736          | XPORTLIC            | PETRIK, N A     | 8003260638          | 50-482 S            | POTTER, J P      | 8003240287*         | 27-47               |
| PETERSON, M R | 8003190741          | XPORTLIC            | PETRIK, N A     | 8003260644          | 50-482 Q            | POTTER, J P      | 8003210581*         | 27-47               |
| PETERSON, M R | 8003060736          | XPORTLIC            | PEVENSTEIN, J E | 8003140399          | FOIA                | POTTER, J P      | 8003190235*         | 50-269 Q            |
| PETERSON, M R | 8003060742*         | XPORTLIC            | PFARR, B J      | 8003030230          | 40-6659             | POWELL, C C      | 8003110118          | PR                  |
| PETERSON, M R | 8003070156          | XPORTLIC            | PHILLIPS, T E   | 8003120766*         | 50-320 H            | POWER, D F       | 8003280651          | FOIA                |
| PETERSON, M R | 8003190302          | MISC                | PHILLON, H      | 8003310475*         | CONTRACT            | POWERS, R L      | 7906140095          | MISC                |
| PETERSON, M R | 8003050197          | XPORTLIC            | PHILLIPS, J R   | 8003250465          | 50-275 Q            | POWERS, D A      | 8003170371*         | 50-320 P            |
| PETERSON, M R | 8003050199          | XPORTLIC            | PHILLIPS, A R   | 8003140342*         | 40-8713             | POWERS, D A      | 8003280641          | NUREG               |
| PETERSON, M R | 8003030213          | XPORTLIC            | PHILLIP, G      | 8003110367          | 50-341 S            | PRATT, C M       | 8003050103*         | 10CFR               |
| PETERSON, M R | 8003030217          | XPORTLIC            | PICKETT, D P    | 8003190910          | PROJ                | PRICE, D B       | 8003250179*         | 50-259 Q            |
| PETERSON, M R | 8003100148          | XPORTLIC            | PICKETT, D P    | 8003250311          | PROJ                | PRICKETT, S      | 8003240588          | 50-556 Q            |
| PETERSON, M R | 8003040253          | XPORTLIC            | PICKENS, F D    | 8003200402          | 71-359              | PROFIO, A E      | 8003170113*         | 50-320 P            |
| PETERSON, M R | 8003040005          | XPORTLIC            | PICKETT, D P    | 8003190910          | PROJ                | PROSECKY, M A    | 8003060680*         | 50-254 S            |
| PETERSON, M R | 8003040009*         | XPORTLIC            | PICKETT, D P    | 8003200311          | PROJ                | PROSSER, N S     | 8003180204*         | 50-320 H            |
| PETERSON, M R | 8003040014*         | XPORTLIC            | PIERCE, R E     | 8003140048          | MISC                | PROVENZANO, V    | 8003250425          | NUREG               |
| PETERSON, M R | 8003050031          | XPORTLIC            | PICOTT, D R     | 8003200255          | PR                  | PROVENZANO, V    | 8003170123          | NUREG               |
| PETERSON, M R | 8003050037          | XPORTLIC            | PILANT, J M     | 8003190106*         | 50-298 Q            | PROXMIER, W      | 8003040273          | 50-409 U            |
| PETERSON, M R | 8003050099          | XPORTLIC            | PILANT, J M     | 8003030500          | 50-298 P            | PUCKETT, J M     | 8003280524*         | 50-302 Q            |
| PETERSON, M R | 8003050142          | XPORTLIC            | PILANT, J M     | 8003030413          | 50-298 P            | PURCELL, J F     | 8003200267          | 50-267 R            |
| PETERSON, M R | 8003050145          | XPORTLIC            | PILANT, J M     | 8003040299          | 50-298 P            | PURPLE, R A      | 8003100190*         | 50-320 P            |
| PETERSON, M R | 8003050147          | XPORTLIC            | PILANT, J M     | 8003040438          | 50-298 R            | PUTZIG, K M      | 8003250394          | NUREG               |
| PETERSON, M R | 8003050150          | XPORTLIC            | PILANT, J M     | 8003250189          | 50-298 Q            | QUATTROCCHI, J L | 7906210206          | 50-320 J            |
| PETERSON, M R | 8003050155          | XPORTLIC            | PILANT, J M     | 8003120473          | 50-298 R            | QUINECK, T       | 8003040660          | FOIA                |
| PETERSON, M R | 8003060648          | XPORTLIC            | PILANT, J M     | 8003210380          | 50-298 P            | QUICK, D R       | 8003200586*         | 50-302 Q            |
| PETERSON, M R | 8003060653          | XPORTLIC            | PILANT, J M     | 8003250591          | 50-298 P            | QUICK, D R       | 8003170179          | 50-269 S            |
| PETERSON, M R | 8003060673          | XPORTLIC            | PISH, M D       | 8003080445*         | 50-269 F            | QUICK, D         | 8003280046          | 50-302 S            |
| PETERSON, M R | 8003060678          | XPORTLIC            | PLANJE, T J     | 8003060643*         | 50-123 Q            | QUIGLEY, R J     | 8003130674*         | 50-320 H            |
| PETERSON, M R | 8003060682          | XPORTLIC            | PLANJE, T J     | 8003060638*         | 50-123 Q            | QUIGLEY, E J     | 8003310488          | 70-1308             |
| PETERSON, M R | 8003060683          | XPORTLIC            | PLANT, D        | 8003140137          | 50-556 Q            | QUILLEN, J H     | 8003200051*         | 70-143              |
| PETERSON, M R | 8003060694          | XPORTLIC            | PLASKON, R E    | 8003120742          | 50-516 Q            | QUINN, E         | 8003250163          | 70-135              |
| PETERSON, M R | 8003060704          | XPORTLIC            | PLATO, P        | 8003040323          | NUREG               | QUIRK, J F       | 8003040314*         | TOPREP              |

## PERSONAL AUTHOR INDEX

409

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-----------------|------------------|------------------|------------------|------------------|------------------|
| RADINOVSKY, S   | 8003170427       | 50-320 H         | REISINGER, S    | 8003040328       | 50-387 Q         | ROBERDS, H W     | 8003130368*      | QA999            |
| RADRIQUEZ, R J  | 8003170382       | 50-312 R         | REITLER, E K    | 8003250407       | 70-1151          | ROBERDS, H W     | 8003190361*      | QA999            |
| RALIVIANAKIS, N | 8003060663*      | 50-234 S         | REKITO, W A     | 8003030060*      | 50-317 Q         | ROBERTS, J O     | 8003040286       | NUREQ            |
| RANKIN, R F     | 8003040310       | 70-36            | REKITO, W A     | 8003280279*      | 50-334 Q         | ROBINSON, R K    | 8003310455       | FR               |
| RANKIN, J L     | 7911060017*      | COMMISSION       | REKICK, F J     | 8003280637       | 50-293 Q         | ROCHE-FARMER, L  | 8003140133       | NUREQ            |
| RANSONE, J W    | 8003180225       | 40-8434          | REMLEY, M E     | 8003140006       | 70-25            | RODABAUGH, E C   | 8003140122       | NUREQ            |
| RATHKOPF, C L   | 8003140037*      | 50-320 Q         | REMLEY, M E     | 8003240068       | 71-9035          | RODEN, J W       | 8003180556       | 50-321 R         |
| RATHKOPF, C L   | 8003040585       | 50-443 Q         | REMLEY, M E     | 8003170154       | 50-373 P         | RODRIGUEZ, P     | 8003210126*      | 50-3 Q           |
| RATHKOPF, C L   | 8003070299*      | MISC             | REMY, H H       | 8003190048       | 50-312 Q         | RODRIGUEZ, R J   | 8003040569       | 50-312 S         |
| RATHKOPF, C L   | 8003190882*      | 50-320 H         | RENBERGER, D L  | 8003170142       | 50-397 Q         | RODRIGUEZ, R J   | 8003170445       | 50-312 S         |
| RATHKOPF, C L   | 8003140265*      | 50-339 H         | RENBERGER, D L  | 8003100059       | 50-508 Q         | RODRIGUEZ, R J   | 8003180629       | 50-312 S         |
| RAUSCH, J K     | 8003060225*      | 50-491 Q         | RENBERGER, D L  | 8003100084       | 50-508 Q         | ROEHRIG, C R     | 8003310160*      | 50-320 H         |
| RAVENSCROFT, N  | 8003310211       | 70-2322          | RENBERGER, D L  | 8003170139       | 50-460 Q         | ROGERS, T R      | 8003310490*      | CONTRACT         |
| RAY, J A        | 8003030415       | 50-29 P          | RENBERGER, D L  | 8003120744       | 50-397 Q         | ROGERS, W L      | 8003210017       | WASTE MOT        |
| RAYMOND, W J    | 8003050027*      | 50-271 Q         | RENBERGER, D L  | 8003130516       | 50-397 Q         | ROGERS, C S      | 8003180165*      | 50-556 Q         |
| RAYMOND, W J    | 8003260337*      | 50-271 Q         | RENBERGER, D L  | 8003110329       | 50-508 Q         | ROGERS, C S      | 8003180168*      | 50-556 Q         |
| READ, R P       | 8003140453       | 50-443 A         | RENBERGER, D L  | 8003210323       | 50-460 Q         | ROGERS, V C      | 8003250394       | NUREQ            |
| REAVIS, J A     | 8003190522*      | 50-269 R         | RENBERGER, D L  | 8003170151       | 50-397 Q         | ROGOVIN, M       | 8003100007       | 50-320 G         |
| REBELOKSI, T    | 8003190307*      | 50-247 Q         | RENBERGER, D L  | 8003270453       | 50-508 Q         | ROGOVIN, M       | 8003280181*      | CONTRACT         |
| REECE, J W      | 8003180482*      | 50-261 P         | RENBERGER, D L  | 8003280060       | 50-397 Q         | ROGOVIN, M       | 8003270133       | 50-320 P         |
| REECE, J W      | 8003180469       | 50-261 P         | RENBERGER, D L  | 8003280069       | 50-508 Q         | ROGOVIN, M       | 8003270141*      | 50-320 P         |
| REED, C         | 8003180499       | TOPREP           | RENBERGER, D L  | 8003280065       | 50-460 Q         | ROGUE, H M       | 8003190638*      | 50-445 H         |
| REED, C         | 8003240440       | TOPREP           | RENBERGER, D L  | 8003280090       | 50-460 Q         | ROMIC, B         | 8003060628       | 50-254 S         |
| REEVES, E A     | 8003200273       | 50-293 P         | RENBERGER, D L  | 8003060534       | 50-397 A         | ROMUALDEZ, E Z   | 8003050130       | 50-574 Q         |
| REEVES, E       | 8003190130       | 50-247 P         | RENBERGER, D L  | 8003120522       | 50-397 Q         | ROOD, H          | 8003050144       | 50-361 A         |
| REEVES, E       | 8003190136       | 50-247 P         | RENBERGER, D L  | 8003280114       | 50-397 Q         | ROOD, H          | 8003050146       | 50-361 A         |
| REGAN, W H      | 7910260186       | MISC             | RENBERGER, D L  | 8003270441       | 50-508 Q         | ROOD, H          | 8003050175       | 50-361 F         |
| REGAN, W H      | 8003060293       | 50-275 Q         | RENBERGER, D L  | 8003120517       | 50-397 Q         | ROONEY, M A      | 8003250566       | 70-130B          |
| REGAN, W H      | 8003240326*      | 50-404 A         | RENBERGER, D L  | 8003240522       | 50-397 S         | ROONEY, M A      | 8003310001       | 70-130B          |
| REHM, T A       | 8003060747       | COMMISSION       | RENBERGER, D L  | 8003250344       | 50-508 A         | ROONEY, V L      | 8003130172       | 50-271 P         |
| REHM, T A       | 8003060743       | COMMISSION       | RENBERGER, D L  | 8003260489       | NUREQ            | ROONEY, V L      | 8003190732       | 50-271 P         |
| REHM, T A       | 8003190726       | COMMISSION       | RENNEKE, A      | 8003200320*      | 10CFF            | ROOT, L D        | 8003060322*      | 50-331 Q         |
| REHM, T A       | 8003240598       | COMMISSION       | RENSLER, W C    | 8003110552       | 50-320 R         | ROOT, L D        | 8003060357*      | 50-331 Q         |
| REICH, H        | 8003060750       | TOPREP           | REVELEY, W T    | 8003060420       | 50-322 Q         | ROOT, L D        | 8003260247       | 50-331 Q         |
| REID, R W       | 8003030096       | 50-289 P         | REVELEY, W T    | 8003060437*      | 50-322 Q         | ROOT, L D        | 8003070233       | 50-331 P         |
| REID, R W       | 8003030099*      | 50-289 P         | REVELEY, W T    | 8003060420       | 50-322 Q         | ROOT, L D        | 8003060371       | 50-331 Q         |
| REID, R W       | 8001030044       | 50-312 P         | REVELEY, W T    | 8003060437*      | 50-322 Q         | ROOT, L D        | 8003180307       | 50-331 F         |
| REID, R W       | 8003100175       | 50-289 F         | REYES, L A      | 8003110156*      | 50-346 Q         | ROOT, L D        | 8003190527       | 50-331 P         |
| REID, R W       | 8003060381       | 50-317 P         | REYES, L A      | 8003190164       | 50-346 S         | ROOT, L D        | 8003240441       | 50-331 F         |
| REID, R W       | 8003140323       | 50-312 P         | REYHANN, G A    | 8003120634       | RES              | ROOT, L D        | 8003280451       | 50-331 P         |
| REID, R W       | 8003060026       | 50-312 F         | REYNOLDS, W     | 8003260094       | FOIA             | ROSA, M          | 8003140334*      | 40-8713          |
| REID, R W       | 8003040023       | 50-309 H         | REYNOLDS, N S   | 8003200624       | FR               | ROSE, C H        | 8003110341       | FOIA             |
| REID, R W       | 8003040063       | 50-309 H         | REYNOLDS, N S   | 8003040712*      | 50-443 Q         | ROSE, C H        | 8003260057       | FOIA             |
| REID, R W       | 8003050012       | 50-317 P         | REYNOLDS, N S   | 8003250002       | NUREQ            | ROSENTHAL, A S   | 8003060463       | 50-338 U         |
| REID, R W       | 8003040287       | 50-129 H         | REYNOLDS, N S   | 8003140145       | FR               | ROSENTHAL, A S   | 8003140223       | 50-320 T         |
| REID, R W       | 8003060014       | 50-302 Q         | REYNOLDS, A W   | 8003310441*      | FRDJ             | ROSENTHAL, A S   | 8003040261       | 50-320 T         |
| REID, R W       | 8003060045       | 50-289 S         | REYNOLDS, W B   | 781130230*       | 50-346 M         | ROSENTHAL, A S   | 8003040272       | 50-320 T         |
| REID, R W       | 8003060259       | 50-302 P         | REYNOLDS, N S   | 8003040712*      | 50-443 Q         | ROSENTHAL, A S   | 8003040037       | 50-320 T         |
| REID, R W       | 8003100205*      | 50-251 P         | RHOADS, A       | 8003170082       | 50-320 Q         | ROSENTHAL, A S   | 8003170131*      | 50-320 Q         |
| REID, R W       | 8003120632       | 50-129 P         | RHOADS, G Q     | 8003040051*      | 50-272 Q         | ROSS, D M        | 8003210205       | 71-5597          |
| REID, R W       | 8003060714       | 50-289 P         | RHOADS, Q Q     | 8003050079*      | 50-387 Q         | ROSS, D M        | 8003250314       | 71-5507          |
| REID, R W       | 8003060720*      | 50-289 P         | RHODE, Q K      | 8003060181*      | 50-410 S         | ROSS, D A        | 8003110020*      | 50-219 R         |
| REID, R W       | 8003060730*      | 50-289 P         | RHODE, Q K      | 8003070175*      | 50-410 S         | ROSS, D A        | 8003080410       | 50-219 Q         |
| REID, R W       | 8003170020       | 50-317 P         | RHODE, Q K      | 8003040584       | 50-410 A         | ROSS, D A        | 8003140068       | 50-219 Q         |
| REID, R W       | 8003190391       | 50-368 P         | RHODE, Q K      | 8003070353       | 50-410 A         | ROSS, D A        | 8003210008       | 50-219 Q         |
| REID, R W       | 8003060684       | 50-269 P         | RHODE, Q K      | 8003180579       | 50-410 F         | ROSS, D A        | 8003040587       | 50-219 S         |
| REID, R W       | 8003060692*      | 50-269 P         | RIBIC OFF, A    | 7904270564*      | MISC             | ROSS, D A        | 8003040599*      | 50-219 S         |
| REID, R W       | 8003060708*      | 50-269 P         | RICH, F J       | 8003060444       | FR               | ROSS, D A        | 8003280621*      | 50-219 Q         |
| REID, R W       | 8003070057       | 50-269 P         | RICHARDSON, H D | 8003110158       | 71-9135          | ROSS, D A        | 8003060608*      | 50-219 S         |
| REID, R W       | 8003070061*      | 50-269 P         | RICHARD, A W    | 8003050486*      | 50-285 S         | ROSS, D A        | 8003060605       | 50-219 S         |
| REID, R W       | 8003070073*      | 50-269 P         | RICHARD, A W    | 8003110607*      | 50-285 S         | ROSS, D A        | 8003070376       | 50-219 S         |
| REID, R W       | 8003070008       | 50-317 P         | RICHLEY, E A    | 8003050377       | 50-185 R         | ROSS, D A        | 8003070378*      | 50-219 S         |
| REID, R W       | 8003070026       | 50-302 P         | RICHLEY, E A    | 8003250443*      | 50-30 P          | ROSS, D A        | 8003110016       | 50-219 R         |
| REID, R W       | 8003120770       | 50-336 P         | RICKERT, P Q    | 8003110041       | FR               | ROSS, D A        | 8003110061       | 50-219 S         |
| REID, R W       | 8003190133       | 50-269 P         | RICKERT, P Q    | 8003110052       | FR               | ROSS, D A        | 8003110068*      | 50-219 S         |
| REID, R W       | 8003190383       | 50-309 P         | RIDDLE, D H     | 8003240082       | 71-9032          | ROSS, D A        | 8003110003       | 50-219 R         |
| REID, R W       | 8003120774       | 50-312 P         | RIDDLE, D H     | 8003240089       | 71-9027          | ROSS, D A        | 8003190579*      | 50-219 S         |
| REID, R W       | 8003140008       | 50-302 P         | RIDDLE, D H     | 8003240095       | 71-9007          | ROSS, D A        | 8003190586*      | 50-219 S         |
| REID, R W       | 8003190378       | 50-309 P         | RIDDLE, D H     | 8003240136       | 71-9110          | ROSS, D A        | 8003190540       | 50-219 S         |
| REID, R W       | 8003190740       | 50-302 P         | RIDDLE, D H     | 8003240146       | 71-9033          | ROSS, D A        | 8003190545       | 50-219 S         |
| REID, R W       | 8003200241       | 50-269 Q         | RIDDLE, D H     | 8003240278       | 71-9036          | ROSS, D A        | 8003210342       | 50-219 R         |
| REID, R W       | 8003230268       | 50-317 Q         | RIDDLE, D H     | 8003240302       | 71-9036          | ROSS, D A        | 8003210544       | 50-219 S         |
| REID, R W       | 8003250297       | 50-289 P         | RIDWAY, K R     | 8003310409*      | 50-155 Q         | ROSS, D A        | 8003210552*      | 50-219 S         |
| REID, R W       | 8003270172       | 50-309 P         | RIGERT, M       | 7910260189*      | MISC             | ROSS, W J        | 8003270085       | 50-272 P         |
| REID, R W       | 8003270178*      | 50-309 P         | RIPPERDON, D    | 8003130073       | 50-546 Q         | ROSS, W J        | 8003280514       | 50-272 P         |
| REID, R W       | 8003270188*      | 50-309 P         | RISCHLING, J    | 8003040582*      | 50-316 S         | ROSS, D          | 7906250101*      | 50-346 P         |
| REID, R W       | 8003310370       | 50-312 F         | RISCHLING, J    | 8003040534*      | 50-316 S         | ROSS, D F        | 7906250091       | 50-270 S         |
| REID, R W       | 8003270204       | 50-309 P         | RISCHLING, J    | 8003040543*      | 50-316 S         | ROSS, D F        | 8003280169*      | 50-280 Q         |
| REID, R W       | 8003280614       | 50-309 P         | RISCHLING, J L  | 8003110677*      | 50-316 S         | ROSS, D F        | 8003190575*      | 50-412 Q         |
| REID, R W       | 8003280023       | 50-312 F         | RISCHLING, J L  | 8003040523*      | 50-316 S         | ROSS, D F        | 8003170002       | 50-327 P         |
| REID, R W       | 8003170072       | 50-313 F         | RITCH, D        | 8003310474*      | MISC             | ROSS, D F        | 8003240239       | TOPREP           |
| REINECKE, R     | 8003060449       | PR               | RITBHER, J A    | 8003200228       | 50-443 A         | ROSS, D F        | 8003110214*      | 50-346 U         |
| REINHUTH, O W   | 8003200068*      | 50-369 F         | RITTER, D       | 8003060209*      | 50-387 U         | ROTH, J          | 8003040026*      | 70-687           |
| REINHUTH, O W   | 8003040304       | 50-352 S         | RIVER, W D      | 8003050124*      | CONTRACT         | ROTH, J          | 8003050387       | 70-135           |
| REIS, E J       | 8003040670       | 50-443 Q         | RIZZO, P O      | 8003200452*      | 50-318 S*        | ROTHFLEISCH, J E | 7910040383       | MISC             |

## PERSONAL AUTHOR INDEX

| AUTHOR             | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR            | ACCESSION NUMBER | SUBJECT CATEGORY |
|--------------------|------------------|------------------|-------------------|------------------|------------------|-------------------|------------------|------------------|
| ROTHFLEISCH, J. E. | 8003240236       | 40-8380          | SADDOCK, H. O.    | 8003030478       | 50-244 P         | SCHOPPMANN, M. A. | 8003310332*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003040712*      | 50-445 O         | SADDOCK, H. O.    | 8003060552       | 50-244 P         | SCHOPPMANN, M. A. | 8003310287*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003040709       | 70-1308          | SALDARINI, J. C.  | 8003200471       | RE000            | SCHOPPMANN, M. A. | 8003310317*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003040716*      | 70-1308          | SALMON, R.        | 8003120472       | 50-331 P         | SCHOPPMANN, M. A. | 8003310330*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003040238       | 50-445 O         | SALMON, R.        | 8003110019       | PR               | SCHOPPMANN, M. A. | 8003310257*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003190298       | 50-445 O         | SALTZMAN, J.      | 8003060517       | 50-361 H         | SCHOPPMANN, M. A. | 8003310323*      | 50-253           |
| ROTHSCHILD, M. U.  | 8003190874       | 50-445 O         | SALTZMAN, J.      | 8003240166       | 50-327 J         | SCHULTZ, G.       | 8003240553       | 50-261           |
| ROTHSCHILD, M. U.  | 8003190893       | 50-445 H         | SALTZMAN, J.      | 8003260304       | 50-348 J         | SCHULTZ, D. M.    | 8003240044       | 50-261           |
| ROTHSCHILD, M. U.  | 8003190701       | 50-445 H         | SALTZMAN, J.      | 8003060243       | PR               | SCHUMANN, R.      | 8003240532       | XPRT             |
| ROUENKOW, A. V.    | 8003120466*      | 50-309 P         | SANCHEZ, A. L.    | 8003200368       | NUREG            | SCHUMANN, R.      | 8003240256*      | XPRT             |
| ROUSE, L. C.       | 8003060091       | 70-1143          | SANDERS, F. D.    | 8003180356       | 50-269 J         | SCHUMACHER, M. C. | 8003190594*      | 50-253           |
| ROUSE, L. C.       | 8003070145       | 70-1143          | SANDS, S.         | 8003280650       | 50-312 P         | SCHUSTER, W.      | 8003110276       | 50-253           |
| ROUSE, L. C.       | 8003060102       | 70-364           | SANDVIK, R. M.    | 8003280232       | 50-344 O         | SCHWAB, P. R.     | 8003120329*      | 50-253           |
| ROUSE, L. C.       | 8003060109*      | 70-364           | SANDVIK, R. M.    | 8003280237*      | 50-344 O         | SCHWAB, Q.        | 8003190344*      | QA979            |
| ROUSE, L. C.       | 8003060114*      | 70-364           | SANDVING, C.      | 8003240333*      | COMMISSION       | SCHWAB, Q.        | 8003190335*      | QA979            |
| ROUSE, L. C.       | 8003070047       | 70-1143          | SARSOOR, B.       | 8003130467*      | 50-346 R         | SCHWARTZ, R. B.   | 8003120693       | NUREG            |
| ROUSE, L. C.       | 8003060153       | 70-1308          | SASSER, D. W.     | 8003270170       | RES              | SCHWARTZ, S. A.   | 8003060297       | State Prog       |
| ROUSE, L. C.       | 8003060042       | 70-754           | SAUER, D. W.      | 8003060562*      | 50-305 S         | SCHWAN, O.        | 8003190711*      | 50-253           |
| ROUSE, L. C.       | 8003040690       | 70-25            | SAUER, R. C.      | 8003190557*      | 50-390 O         | SCHWEIKER, R. S.  | 8003060435*      | 50-253           |
| ROUSE, L. C.       | 8003100127       | 70-1257          | SAUTER, G. D.     | 8003050148       | 50-266 P         | SCHWEIKER, R. S.  | 8003060160*      | 50-253           |
| ROUSE, L. C.       | 8003200117*      | 70-754           | SAUTER, G. D.     | 8003240175       | 50-266 P         | SCHWEIKER, R. S.  | 8003110087*      | 50-253           |
| ROUSE, L. C.       | 8003250192       | 70-754           | SAKE, R. F.       | 8003040467       | 50-111 P         | SCHWENDIMAN, L.   | 8003060097*      | 70-1143          |
| ROUSE, L. C.       | 8003070154       | 70-8             | SCARANO, R. A.    | 7910250440       | MISC             | SCHWEIBINZ, E. R. | 8003290266*      | 50-253           |
| ROUSE, L. C.       | 8003200092       | 70-364           | SCARANO, R. A.    | 8003060139*      | 40-1341          | SCHWEIBINZ, E. R. | 8003050640*      | 50-253           |
| ROUSE, L. C.       | 8003200100*      | 70-364           | SCARANO, R. A.    | 8003260445       | 40-1341          | SCHWEIBINZ, E. R. | 8003110360       | 50-253           |
| ROUSE, L. C.       | 8003240313*      | 70-8             | SCARANO, R. A.    | 8003270075       | WASTE MGT        | SCHWEIBINZ, E. R. | 8003250075       | 50-253           |
| ROUSE, L. C.       | 8003270054       | 70-135           | SCARANO, R. A.    | 8003060106       | 40-1341          | SCHWENCER, A.     | 8003260451*      | 50-247           |
| ROUSE, L. C.       | 8003280384*      | 70-8             | SCARANO, R. A.    | 8003060263       | WASTE MGT        | SCHWENCER, A.     | 8003060612       | 50-248           |
| ROUSE, L. C.       | 8003240585       | 70-364           | SCARANO, R. A.    | 8003270078       | 40-8497          | SCHWENCER, A.     | 8003060617       | 50-248           |
| ROUSE, L. C.       | 8003250453       | 70-364           | SCARANO, R. A.    | 8003250442       | 40-8747          | SCHWENCER, A.     | 8003050619       | 50-247           |
| ROUSE, L. C.       | 8003250455*      | 70-364           | SCARANO, R. A.    | 8003270071       | 40-8747          | SCHWENCER, A.     | 8003060620       | 50-248           |
| ROUSE, L. C.       | 8003240255       | 70-1308          | SCARANO, R. A.    | 8003100222       | 40-3453          | SCHWENCER, A.     | 8003060621       | 50-248           |
| ROUSE, L. C.       | 8003270189       | 70-1257          | SCARANO, R. A.    | 8003200066       | WASTE MGT        | SCHWENCER, A.     | 8003060624       | 50-248           |
| ROUSH, M. L.       | 8003190817*      | CONTRACT         | SCARANO, R. A.    | 8003240194*      | 40-1341          | SCHWENCER, A.     | 8003060626       | 50-248           |
| ROTH, T. H.        | 8003280572       | RES              | SCARANO, R. A.    | 8003040181*      | PROJ             | SCHWENCER, A.     | 8003060627       | 50-248           |
| RUBENSTEIN, L. S.  | 8003170006*      | 50-327 P         | SCAROLA, J. A.    | 8003040176       | PROJ             | SCHWENCER, A.     | 8003060631       | 50-248           |
| RUBENSTEIN, L. S.  | 8003240223       | 50-327 A         | SCARANO, R. A.    | 8003240640       | State Prog       | SCHWENCER, A.     | 8003060633       | 50-248           |
| RUBENSTEIN, L. S.  | 8003240235       | 50-322 F         | SCARANO, R. A.    | 8003260552       | 40-3453          | SCHWENCER, A.     | 8003060634       | 50-248           |
| RUBENSTEIN, L. S.  | 8003250050       | 50-456 A         | SCARANO, R. A.    | 8003240184       | 40-1341          | SCHWENCER, A.     | 8003060636       | 50-248           |
| RUBENSTEIN, L. S.  | 8003250352       | 50-320 H         | SCARANO, R. A.    | 8003280470       | 40-8602          | SCHWENCER, A.     | 8003060639       | 50-248           |
| RUBENSTEIN, L. S.  | 8003240174       | 50-327 P         | SCAROLA, J. A.    | 8003050201       | 50-574 O         | SCHWENCER, A.     | 8003060640       | 50-248           |
| RUBENSTEIN, L. S.  | 8003250611       | 50-327 P         | SCAROLA, J. A.    | 8003200257       | PROJ             | SCHWENCER, A.     | 8003250410       | 50-248           |
| RUBENSTEIN, L. S.  | 8003250056       | 50-329 A         | SCHAFER, J. M.    | 8003200189*      | CONTRACT         | SCHWENCER, A.     | 8003120734       | 50-248           |
| RUBENSTEIN, L. S.  | 8003260041       | 50-327 P         | SCHAFER, J. M.    | 8003190711*      | 50-156 O         | SCHWENCER, A.     | 8003060600       | 50-248           |
| RUBENSTEIN, L. S.  | 8003240625       | 50-367 H         | SCHAFER, J. F.    | 8003310487*      | 50-255 O         | SCHWENCER, A.     | 8003250401       | 50-248           |
| RUBENSTEIN, L. S.  | 8003240229       | 50-367 A         | SCHAHMAN, E.      | 8003130041       | 50-275 H         | SCHWENCER, R. A.  | 8003260457       | 50-248           |
| RUBENSTEIN, L. S.  | 8003310425       | 50-446 A         | SCHAECHTER, R. S. | 8003280452       | NUREG            | SCHWENCER, P. A.  | 8003280622       | 50-261           |
| RUBENSTEIN, L. S.  | 8003310434       | 50-458 A         | SCHALL, W. R.     | 8003200369       | NUREG            | SCHWENCER, A.     | 8003070163       | 50-334           |
| RUBENSTEIN, L. S.  | 8003240201       | 50-424 A         | SCHENDEL, K. R.   | 8003190011       | 40-8304          | SCHWENCER, A.     | 8003070167*      | 50-334           |
| RUBIN, M. P.       | 8003270140*      | 50-312 T         | SCHERR, S. J.     | 8003120163*      | 70-143           | SCHWENCER, A.     | 8003070179*      | 50-334           |
| RUBIN, M. P.       | 8003270145*      | 50-312 T         | SCHERR, S. J.     | 8003100196       | 50-574 O         | SCHWENCER, A.     | 8003130154       | 50-247           |
| RUBIN, M. P.       | 8003270150       | 50-312 T         | SCHERRER, A. E.   | 8003050585       | TOPREP           | SCHWENCER, A.     | 8003130161*      | 50-247           |
| RUBIN, M. P.       | 8003310453       | 50-312 T         | SCHIRMER, D. B.   | 8003140415*      | 50-574 O         | SCHWENCER, A.     | 8003130174*      | 50-247           |
| RUBIN, M. P.       | 8003310012*      | 50-312 T         | SCHMERLING, J. M. | 8003110569       | TOPREP           | SCHWENCER, A.     | 8003130274       | 50-253           |
| RUBIN, M. P.       | 8003310015*      | 50-312 T         | SCHMERLING, J. M. | 8003180533       | TOPREP           | SCHWENCER, A.     | 8003180104       | 50-334           |
| RUBIN, M. P.       | 8003310019*      | 50-312 T         | SCHMERLING, J. M. | 8003210426*      | 50-338 P         | SCHWENCER, A.     | 8003280020       | 50-338           |
| RUDOLPH, J. P.     | 8003110628*      | 50-426 S         | SCHMIDT, A. D.    | 8003170442       | 50-335 S         | SCHWENCER, A.     | 8003100216       | 50-261           |
| RUFF, A. B.        | 8003190581*      | 50-438 Q         | SCHMIDT, A. D.    | 8003110034       | 50-335 S         | SCHWENCER, A.     | 8003130262       | 50-292           |
| RUFF, A. B.        | 8003140016*      | 50-328 Q         | SCHMIDT, A. D.    | 8003170434       | 50-335 S         | SCHWENCER, A.     | 8003190789       | 50-338           |
| RUGENACHT, E.      | 8003280339*      | 50-289 H         | SCHMIDT, A. D.    | 8003170470       | 50-250 S         | SCHWENCER, A.     | 8003190793*      | 50-338           |
| RUHLMAN, W. A.     | 8003280032       | 50-302 S         | SCHMIDT, A. D.    | 8003170462       | 50-333 S         | SCHWENCER, A.     | 8003190248       | 50-315           |
| RUITER, Q. H.      | 8003080464*      | 50-305 S         | SCHMIDT, A. D.    | 8003170473       | 50-335 S         | SCHWENCER, A.     | 8003100039       | 50-344           |
| RUITER, Q. H.      | 8003050467*      | 50-305 S         | SCHMIDT, A. D.    | 8003310300       | 50-250 S         | SCHWENCER, A.     | 8003190293       | 50-3             |
| RUITER, Q. H.      | 8003110682*      | 50-305 S         | SCHMIDT, A. D.    | 8003310285       | 50-251 S         | SCHWENCER, A.     | 8003190883       | 50-348           |
| RUITER, Q. H.      | 8003180564*      | 50-305 S         | SCHMIDT, A. D.    | 8003310309       | 50-335 S         | SCHWENCER, A.     | 8003100131       | 50-344           |
| RUITER, Q. H.      | 8003260608*      | 50-305 S         | SCHMIDT, A. D.    | 8003310325       | 50-251 S         | SCHWENCER, A.     | 8003040302       | 50-344           |
| RUITER, Q. H.      | 8003260616*      | 50-305 S         | SCHMIDT, A. D.    | 8003310295       | 50-335 S         | SCHWENCER, A.     | 8003070005       | 50-250           |
| RUITER, Q. H.      | 8003260621*      | 50-305 S         | SCHMIDT, A. D.    | 8003310320       | 50-335 S         | SCHWENCER, A.     | 8003120139       | 50-295           |
| RUITER, Q. H.      | 8003260625*      | 50-305 S         | SCHMIEDER, J. R.  | 8003110022*      | 50-333 P         | SCHWENCER, A.     | 8003140150       | 50-272           |
| RUITER, Q. H.      | 8003310316*      | 50-305 S         | SCHMIEDER, J. R.  | 8003110013       | 50-333 P         | SCHWENCER, A.     | 8003140159*      | 50-272           |
| RUNDER, Q. A.      | 8003180141       | 50-320 S         | SCHMIEDER, J. R.  | 8003180623       | 50-286 P         | SCHWENCER, A.     | 8003140174*      | 50-272           |
| RUNNINGER, R.      | 8003040347       | 50-294 Q         | SCHNEIDER, F. W.  | 8003040096*      | 50-272 Q         | SCHWENCER, A.     | 8003170027       | 50-261           |
| RUBKOSKI, E.       | 8003240306*      | 50-556 H         | SCHNEIDER, F. W.  | 8003040034*      | 50-272 Q         | SCHWENCER, A.     | 8003190396       | 50-284           |
| RUSSELL, L. B.     | 8003030381       | 50-317 S         | SCHNEIDER, F. W.  | 8003260632*      | 50-272 Q         | SCHWENCER, A.     | 8003250217       | 50-272           |
| RUSSELL, L. B.     | 8003050451       | 50-318 S         | SCHNEIDER, F. W.  | 8003240411       | 50-272 Q         | SCHWENCER, A.     | 8003250228*      | 50-272           |
| RUSSELL, L. B.     | 8003050503       | 50-318 S         | SCHNEIDER, F. W.  | 8003250569       | 50-272 P         | SCHWENCER, A.     | 8003280366       | 50-284           |
| RUSSELL, L. B.     | 8003050472       | 50-317 S         | SCHNEIDER, F. W.  | 8003260361       | 50-272 P         | SCHWENCER, A.     | 8003280371*      | 50-284           |
| RUSSELL, L. B.     | 8003170456       | 50-317 S         | SCHNEIDER, F. W.  | 8003210800       | 50-483 F         | SCHWENCER, A.     | 8003280379*      | 50-284           |
| RUSSELL, L. B.     | 8003190526       | 50-318 S         | SCHNEIDER, F. W.  | 8003180183*      | 50-285 P         | SCHWENCER, A.     | 8003070006       | 50-250           |
| RUSSELL, L. B.     | 8003200446       | 50-318 S         | SCHOPPMANN, M. A. | 8003170448*      | 50-335 S         | SCHWENCER, A.     | 8003100200*      | 50-251           |
| RUSSELL, L. B.     | 8003260617       | 50-318 S         | SCHOPPMANN, M. A. | 8003110064*      | 50-335 S         | SCHWENCER, A.     | 8003130093       | 50-344           |
| RYAN, K. M.        | 8003070304       | 50-522 H         | SCHOPPMANN, M. A. | 8003170438*      | 50-335 S         | SCHWENCER, A.     | 8003130699       | 50-280           |
| RYAN, R. G.        | 8003140327       | State Prog       | SCHOPPMANN, M. A. | 8003170471*      | 50-250 S         | SCHWENCER, A.     | 8003140055       | 50-261           |
| RYZNER, E.         | 8003140242*      | 50-255 P         | SCHOPPMANN, M. A. | 8003170467*      | 50-335 S         | SCHWENCER, A.     | 8003140185       | 50-305           |
| SACHS, J. F.       | 8003280363*      | CONTRACT         | SCHOPPMANN, M. A. | 8003170475*      | 50-335 S         | SCHWENCER, A.     | 8003170057       | 50-250           |

## PERSONAL AUTHOR INDEX

411

| AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------|---------------------|---------------------|--------------|---------------------|---------------------|-------------------|---------------------|---------------------|
| SCHWENGER, A   | 8003200065          | 50-316 P            | SELLS, D E   | 8003170122          | 50-320 H            | SEYFRIT, K V      | 8003260130          | 50-285 Q            |
| SCHWENGER, A   | 8003130012          | 50-348 P            | SELLS, D E   | 8003310202          | 50-320 H            | SEYFRIT, K V      | 8003260134          | 50-267 Q            |
| SCHWENGER, A   | 8003130014          | 50-295 P            | SELLS, D E   | 8003310201          | 50-320 H            | SEYFRIT, K V      | 8003260145          | 50-445 Q            |
| SCHWENGER, A   | 8003130017          | 50-247 P            | SEMEDIRA, C  | 8003310407          | 71-6400             | SEYFRIT, K V      | 8003260580          | 50-313 Q            |
| SCHWENGER, A   | 8003130020          | 50-334 P            | SEWELL, R B  | 8003200246*         | 50-155 Q            | SEYFRIT, K V      | 8003260583          | 50-498 Q            |
| SCHWENGER, A   | 8003130023          | 50-250 P            | SEWELL, R B  | 8003200258*         | 50-155 Q            | SEYFRIT, K V      | 8003260584          | 50-482 Q            |
| SCHWENGER, A   | 8003130026          | 50-284 P            | SEYFRIT, K V | 8003110335          | 50-131 Q            | SEYFRIT, K V      | 8003260586          | 50-382 Q            |
| SCHWENGER, A   | 8003130027          | 50-344 P            | SEYFRIT, K V | 8003110339          | 50-274 Q            | SEYFRIT, K V      | 8003260587          | 50-285 Q            |
| SCHWENGER, A   | 8003130029          | 50-272 P            | SEYFRIT, K V | 8003110343          | 50-313 Q            | SEYFRIT, K V      | 8003260590          | 50-445 Q            |
| SCHWENGER, A   | 8003130032          | 50-338 P            | SEYFRIT, K V | 8003110350          | 50-298 Q            | SEYFRIT, K V      | 8003260338          | 50-313 Q            |
| SCHWENGER, A   | 8003130034          | 50-280 P            | SEYFRIT, K V | 8003110352          | 50-285 Q            | SEYFRIT, K V      | 8003260341          | 50-458 Q            |
| SCHWENGER, A   | 8003130036          | 50-264 P            | SEYFRIT, K V | 8003110356          | 50-267 Q            | SEYFRIT, K V      | 8003260345          | 50-498 Q            |
| SCHWENGER, A   | 8003130039          | 50-261 P            | SEYFRIT, K V | 8003110361          | 50-262 Q            | SEYFRIT, K V      | 8003260348          | 50-482 Q            |
| SCHWENGER, A   | 8003130043          | 50-315 P            | SEYFRIT, K V | 8003110393          | 50-284 Q            | SEYFRIT, K V      | 8003260350          | 50-382 Q            |
| SCHWENGER, A   | 8003130044          | 50-282 P            | SEYFRIT, K V | 8003110398          | 50-188 Q            | SEYFRIT, K V      | 8003260352          | 50-298 Q            |
| SCHWENGER, A   | 8003130046          | 50-305 P            | SEYFRIT, K V | 8003110401          | 50-59 Q             | SEYFRIT, K V      | 8003260354          | 50-285 Q            |
| SCHWENGER, A   | 8003070003          | 50-286 Q            | SEYFRIT, K V | 8003110403          | 50-148 Q            | SEYFRIT, K V      | 8003260356          | 50-267 Q            |
| SCHWENGER, A   | 8003140111          | TOPREP              | SEYFRIT, K V | 8003110406          | 50-252 Q            | SEYFRIT, K V      | 8003260359          | 50-445 Q            |
| SCHWENGER, A   | 8003280582          | 50-334 P            | SEYFRIT, K V | 8003110408          | 50-112 Q            | SEYFRIT, K V      | 8003260311          | 50-482 Q            |
| SCHWENGER, A   | 8003280589*         | 50-334 P            | SEYFRIT, K V | 8003110409          | 50-192 Q            | SEYFRIT, K V      | 8003260405          | 50-313 Q            |
| SCHWENGER, A   | 8003280999*         | 50-334 P            | SEYFRIT, K V | 8003110410          | 50-72 Q             | SEYFRIT, K V      | 8003260411          | 50-458 Q            |
| SCHWENGER, A   | 8003190047          | 50-247 P            | SEYFRIT, K V | 8003260008          | 50-298 Q            | SEYFRIT, K V      | 8003260414          | 50-498 Q            |
| SCHWENGER, A   | 8003190054          | 50-286 P            | SEYFRIT, K V | 8003140156          | 50-313 Q            | SEYFRIT, K V      | 8003260416          | 50-382 Q            |
| SCHWENGER, A   | 8003190065          | 50-247 P            | SEYFRIT, K V | 8003140159          | 50-267 Q            | SEYFRIT, K V      | 8003260418          | 50-298 Q            |
| SCHWENGER, A   | 8003240445          | 50-348 P            | SEYFRIT, K V | 8003140162          | 50-298 Q            | SEYFRIT, K V      | 8003260420          | 50-285 Q            |
| SCHWENGER, A   | 8003190001          | 50-315 P            | SEYFRIT, K V | 8003140165          | 50-285 Q            | SEYFRIT, K V      | 8003260421          | 50-267 Q            |
| SCHWENGER, A   | 8003310216*         | 50-315 P            | SEYFRIT, K V | 8003140441          | 50-368 P            | SEYFRIT, K V      | 8003260422          | 50-445 Q            |
| SCHWENGER, A   | 8003310220*         | 50-315 P            | SEYFRIT, K V | 8003110199          | 50-313 Q            | SEYFRIT, K V      | 8003260307          | 50-313 Q            |
| SCHWENGER, A   | 8003310226*         | 50-315 P            | SEYFRIT, K V | 8003110202          | 50-298 Q            | SEYFRIT, K V      | 8003260311          | 50-458 Q            |
| SCHWENGER, A   | 8003310109          | 50-280 P            | SEYFRIT, K V | 8003110203          | 50-285 Q            | SEYFRIT, K V      | 8003260316          | 50-498 Q            |
| SCHWENGER, A   | 8003310113*         | 50-280 P            | SEYFRIT, K V | 8003110205          | 50-267 Q            | SEYFRIT, K V      | 8003260318          | 50-482 Q            |
| SCHWENGER, A   | 8003310120*         | 50-280 P            | SEYFRIT, K V | 8003260358          | 50-313 Q            | SEYFRIT, K V      | 8003260321          | 50-382 Q            |
| SCHWENGER, A   | 8003310203          | 50-280 P            | SEYFRIT, K V | 8003260400          | 50-298 Q            | SEYFRIT, K V      | 8003260325          | 50-298 Q            |
| SCHWENGER, A   | 8003310208*         | 50-280 P            | SEYFRIT, K V | 8003260401          | 50-285 Q            | SEYFRIT, K V      | 8003260328          | 50-285 Q            |
| SCHWENGER, A   | 8003310214*         | 50-280 P            | SEYFRIT, K V | 8003260402          | 50-267 Q            | SEYFRIT, K V      | 8003260331          | 50-267 Q            |
| SCHWENGER, A   | 8003280029          | 50-266 F            | SEYFRIT, K V | 8003140012          | 50-313 Q            | SEYFRIT, K V      | 8003260333          | 50-445 Q            |
| SCHWENGER, A   | 8003280044          | 50-272 F            | SEYFRIT, K V | 8003140014          | 50-498 Q            | SHACKELFORD, B    | 8003260175*         | 50-275 A            |
| SCHWENGER, A   | 8003280175          | 50-247 P            | SEYFRIT, K V | 8003140017          | 50-458 Q            | SHANBAZI, A F     | 8003030004          | 50-313 S            |
| SCHWENGER, A   | 8003280035          | 50-344 F            | SEYFRIT, K V | 8003140020          | 50-482 Q            | SHALLER, D V      | 8003030397          | 50-316 S            |
| SCHWENGER, A   | 8003280048          | 50-305 F            | SEYFRIT, K V | 8003140021          | 50-382 Q            | SHALLER, D V      | 8003080209          | 50-316 S            |
| SCHWENGER, A   | 8003190045          | 50-247 P            | SEYFRIT, K V | 8003140022          | 50-298 Q            | SHALLER, D V      | 8003050487          | 50-316 S            |
| SCHWENGER, A   | 8003170075          | 50-280 P            | SEYFRIT, K V | 8003140026          | 50-285 Q            | SHALLER, D V      | 8003200483          | 50-316 S            |
| SCHWENGER, F   | 8003240432          | REGOD               | SEYFRIT, K V | 8003140028          | 50-267 Q            | SHALLER, D V      | 8003040570          | 50-316 S            |
| SCIANDRA, J    | 8003190111*         | 50-3 Q              | SEYFRIT, K V | 8003140032          | 50-445 Q            | SHALLER, D V      | 8003050488          | 50-315 S            |
| SCALFANI, J. V | 8003060566*         | MISC                | SEYFRIT, K V | 8003120304          | 50-313 Q            | SHALLER, D V      | 8003050505          | 50-315 F            |
| SCOTT, J       | 8003140101          | 50-466 Q            | SEYFRIT, K V | 8003120309          | 50-498 Q            | SHALLER, D V      | 8003040513          | 50-316 S            |
| SCOTT, J       | 8003140105          | 50-466 Q            | SEYFRIT, K V | 8003120311          | 50-458 Q            | SHALLER, D V      | 8003060597          | 50-316 S            |
| SCOTT, W J     | 8003280345          | 50-367 Q            | SEYFRIT, K V | 8003120313          | 50-482 Q            | SHALLER, D V      | 8003130422          | 50-315 R            |
| SCROGGINS, R M | 8003110259*         | 10CFR               | SEYFRIT, K V | 8003120316          | 50-382 Q            | SHALLER, D V      | 8003130424*         | 50-315 R            |
| SEAMAN, W H    | 8003120314          | 50-206 P            | SEYFRIT, K V | 8003120321          | 50-298 Q            | SHALLER, D V      | 8003110674          | 50-316 S            |
| SEARS, B       | 8003130617*         | 50-320 Q            | SEYFRIT, K V | 8003120323          | 50-285 Q            | SHALLER, D V      | 8003180526          | 50-315 S            |
| SEAY, J. L.    | 8003100104          | GA999               | SEYFRIT, K V | 8003120325          | 50-267 Q            | SHALLER, D V      | 8003210355          | 50-316 S            |
| SEDLIK, B      | 8003100129          | NUREQ               | SEYFRIT, K V | 8003120328          | 50-445 Q            | SHALLER, D V      | 8003310341          | 50-315 S            |
| SEED, H B      | 8003250270          | NUREQ               | SEYFRIT, K V | 8003140312          | 50-313 Q            | SHALLA, L C       | 8003190409*         | 50-320 H            |
| SEIDLE, W C    | 8003270445          | 50-498 S            | SEYFRIT, K V | 8003140314          | 50-298 Q            | SHANBAKY, M M     | 8003040106*         | 50-272 Q            |
| SEIDLE, W C    | 8003030051          | 50-445 Q            | SEYFRIT, K V | 8003140315          | 50-285 Q            | SHANBAKY, M M     | 8003250266*         | 50-320 P            |
| SEIDLE, W C    | 8003130408          | 50-445 Q            | SEYFRIT, K V | 8003140317          | 50-267 Q            | SHAO, L C         | 8003250014          | MISC                |
| SEIDLE, W C    | 8003180044          | 50-445 Q            | SEYFRIT, K V | 8003180101          | 50-313 Q            | SHAO, L C         | 8003270465          | 50-266 P            |
| SEIDLE, W C    | 8003130118          | 50-356 Q            | SEYFRIT, K V | 8003180102          | 50-298 Q            | SHAO, L C         | 8003260233          | MISC                |
| SEIDLE, W C.   | 8003120723          | 50-458 Q            | SEYFRIT, K V | 8003180103          | 50-285 Q            | SHAPAR, H K       | 8003050139*         | 10CFR               |
| SEIDLE, W C    | 8003200030          | 50-445 Q            | SEYFRIT, K V | 8003180106          | 50-267 Q            | SHAPAR, H K       | 8003110279*         | 10CFR               |
| SEIDLE, W S    | 8003310230          | 50-458 Q            | SEYFRIT, K V | 8003180001          | 50-313 Q            | SHAPER, H K       | 8003260490*         | SECY                |
| SEIDLE, W C    | 8003270279          | 50-382 Q            | SEYFRIT, K V | 8003180003          | 50-458 Q            | SHARP, I H        | 8003200542*         | FOIA                |
| SEIDLE, W C    | 8003280489          | 50-482 Q            | SEYFRIT, K V | 8003180004          | 50-498 Q            | SHARP, I H        | 8003200529*         | FOIA                |
| SEIDLE, W C    | 8003310249          | 50-445 Q            | SEYFRIT, K V | 8003180005          | 50-482 Q            | SHAUB, E Y        | 8003280248*         | 70-135              |
| SEIDLE, W C    | 8003040220          | 50-498 Q            | SEYFRIT, K V | 8003180007          | 50-382 Q            | SHAW, W J         | 8003060576          | 50-367 A            |
| SEIDLE, W C    | 8003130682          | 50-498 Q            | SEYFRIT, K V | 8003180008          | 50-278 Q            | SHAW, R W         | 8003200247*         | 50-267 Q            |
| SEIDLE, W C.   | 8003190705          | 50-556 Q            | SEYFRIT, K V | 8003180009          | 50-285 Q            | SHEA, K H         | 8003040288          | 50-367 Q            |
| SEIDLE, W C    | 8003200617          | 50-445 Q            | SEYFRIT, K V | 8003180011          | 50-267 Q            | SHEA, K H         | 8003240088          | 50-367 Q            |
| SEIDLE, W C    | 8003270215          | 50-498 Q            | SEYFRIT, K V | 8003180012          | 50-445 Q            | SHEA, K H         | 8003040289          | 50-367 Q            |
| SEIDTS, M. O   | 7912180643          | 50-352 H            | SEYFRIT, K V | 8003190205          | 50-313 Q            | SHEA, J R         | 8003190490*         | SECY                |
| SEIDTS, M. O.  | 8003170433          | 50-352 H            | SEYFRIT, K V | 8003190210          | 50-458 Q            | SHEA, J R         | 8003310352          | SECY                |
| SEITZ, M O.    | 8003110041          | PR                  | SEYFRIT, K V | 8003190215          | 50-498 Q            | SHEA, J R         | 8003190491          | SECY                |
| SEITZ, M O     | 8003110052          | PR                  | SEYFRIT, K V | 8003190218          | 50-482 Q            | SHEA, J R         | 8003190487          | SECY                |
| SEKULER, B N   | 8003280345          | 50-367 Q            | SEYFRIT, K V | 8003190221          | 50-382 Q            | SHEA, J R.        | 8003110293*         | 10CFR               |
| SEKULER, B N   | 8003310043          | 50-295 Q            | SEYFRIT, K V | 8003190223          | 50-298 Q            | SHEA, J R.        | 8003040130          | SECY                |
| SEKULER, B N   | 8003310045*         | 50-295 Q            | SEYFRIT, K V | 8003190225          | 50-285 Q            | SHEA, J R.        | 8003190578          | SECY                |
| SEKULER, B N.  | 8003170449          | 50-367 Q            | SEYFRIT, K V | 8003190229          | 50-267 Q            | SHEA, J R         | 8003250101          | SECY                |
| SELLS, D E     | 8003210291          | 50-320 H            | SEYFRIT, K V | 8003190232          | 50-445 Q            | SHEA, J. R.       | 8003100152*         | XPORTLIC            |
| SELLS, D E     | 7909270762          | MISC                | SEYFRIT, K V | 8003260111          | 50-313 Q            | SHEA, J. R.       | 8003190018          | XPORTLIC            |
| SELLS, D E     | 8003190407*         | 50-412 Q            | SEYFRIT, K V | 8003260115          | 50-458 Q            | SHEA, J. R.       | 8003190026*         | XPORTLIC            |
| SELLS, D E.    | 8003140146          | MISC                | SEYFRIT, K V | 8003260118          | 50-498 Q            | SHEA, J. R.       | 8003240018          | 50-374 P            |
| SELLS, D E.    | 8003100239          | 50-320 H            | SEYFRIT, K V | 8003260120          | 50-482 Q            | SHEA, J. J.       | 8003190737          | 50-409 P            |
| SELLS, D E.    | 8003180274          | 50-320 H            | SEYFRIT, K V | 8003260123          | 50-382 Q            | SHEDLORSKY, J. T. | 8003190599*         | 50-245 Q            |
| SELLS, D E.    | 8003130137          | 50-320 H            | SEYFRIT, K V | 8003260127          | 50-298 Q            | SHELDON, K P      | 8003280606          | 50-155 Q            |

## PERSONAL AUTHOR INDEX

| AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|----------------|------------------|------------------|------------------|------------------|------------------|----------------|------------------|------------------|
| SHELLEY, W J   | 8003140001       | 70-1193          | SMITH, J W       | 8003200086       | 50-289 Q         | STAHL, D M     | 8003040278       | 50-445 H         |
| SHELLEY, W J   | 8003190021       | 40-8027          | SMITH, J W       | 8003240561       | 50-289 Q         | STAHL, D M     | 8003060656       | 50-445 H         |
| SHELLEY, W J   | 8003140077       | 40-8727          | SMITH, J W       | 8003260223       | 50-289 Q         | STAHL, D M     | 8003250456       | 50-445 H         |
| SHELLEY, W J   | 8003310271       | 70-925           | SMITH, Q H       | 7910260446       | MISC             | STAHL, C R     | 8003310234       | 50-327 P         |
| SHEPARD, J H   | 8003240462       | PR               | SMITH, Q C       | 8003270032       | 70-135           | STALLINGS, C M | 8003040664       | 50-339 A         |
| SHEPHERD, J L  | 8003130192       | 71-5984          | SMITH, T H       | 8003050060       | 50-317 Q         | STALLINGS, C M | 8003040682       | 50-339 A         |
| SHEPHERD, J H  | 8003140039       | PR               | SMITH, R         | 8003190920       | 50-387 Q         | STALLINGS, C M | 8003310424       | 50-280 Q         |
| SHEPHERD, R E  | 8003050171       | 70-820           | SMITH, Q H       | 8003050387       | 70-135           | STALLINGS, C M | 8003240501       | 50-338 S         |
| SHERR, T S     | 8003060434       | FOIA             | SMITH, Q         | 8003270457       | 50-219 S         | STALLINGS, C M | 8003050337       | 50-338 Q         |
| SHERWOOD, Q O  | 8003170097       | PR               | SMITH, Q H       | 7907180489       | MISC             | STALLINGS, C M | 8003210137       | 50-338 Q         |
| SHERWOOD, Q O  | 8003200166       | 10CFR            | SMITH, Q H       | 8003030025       | 50-317 Q         | STALLINGS, C M | 8003240423       | 50-339 S         |
| SHERWOOD, Q O  | 8003110611       | 50-531 A         | SMITH, Q H       | 8003030043       | 70-371           | STALLINGS, C M | 8003240616       | 50-338 Q         |
| SHERWOOD, Q O  | 8003200526       | PR               | SMITH, Q H       | 8003040016       | 70-687           | STALLINGS, C M | 8003030406       | 50-338 P         |
| SHIELDS, E J   | 8003310138       | 40-3392          | SMITH, Q H       | 8003030019       | 50-317 Q         | STALLINGS, C M | 8003030400       | 50-280 S         |
| SHIELDS, S W   | 8003050647       | 50-846 Q         | SMITH, Q H       | 8003030049       | MISC             | STALLINGS, C M | 8003030548       | 50-280 S         |
| SHIELDS, S W   | 8003190822       | NUREG            | SMITH, Q H       | 8003030038       | 70-371           | STALLINGS, C M | 8003040622       | 50-338 S         |
| SHIELDS, S W   | 8003200541       | 50-546 Q         | SMITH, Q H       | 8003030013       | 50-317 Q         | STALLINGS, C M | 8003040627       | 50-338 S         |
| SHIELDS, S W   | 8003200287       | 50-546 Q         | SMITH, Q H       | 8003190954       | 50-272 Q         | STALLINGS, C M | 8003040636       | 50-280 S         |
| SHIELDS, S W   | 8003110394       | 50-546 A         | SMITH, Q H       | 8003190722       | 70-135           | STALLINGS, C M | 8003040640       | 50-280 S         |
| SHIELDS, S W   | 8003280536       | 50-546 A         | SMITH, Q H       | 8003060352       | 70-364           | STALLINGS, C M | 8003060569       | 50-280 Q         |
| SHIELDS, S W   | 8003070386       | 50-546 A         | SMITH, Q H       | 8003280626       | 50-219 Q         | STALLINGS, C M | 8003110011       | 50-280 R         |
| SHIELDS, S W   | 8003180569       | 50-546 S         | SMITH, Q H       | 8003040003       | 70-687           | STALLINGS, C M | 8003040501       | 50-280 R         |
| SHIELDS, S W   | 8003210510       | 50-546 I         | SMITH, Q H       | 8003140040       | 50-219 P         | STALLINGS, C M | 8003050203       | 50-280 P         |
| SHIVELY, R P   | 8003040332       | 50-387 Q         | SMITH, Q H       | 8003140043       | 50-219 P         | STALLINGS, C M | 8003060580       | 50-338 S         |
| SHOEMAKER, C L | 8003060540       | 50-317 J         | SMITH, Q H       | 8003140049       | 50-219 P         | STALLINGS, C M | 8003060588       | 50-280 S         |
| SHOEMAKER, C L | 8003170410       | 50-317 J         | SMITH, Q H       | 8003140071       | 50-219 P         | STALLINGS, C M | 8003110050       | 50-338 S         |
| SHOLLY, S C    | 8003240003       | 50-289 Q         | SMITH, Q H       | 8003140073       | 50-219 P         | STALLINGS, C M | 8003110540       | 50-280 Q         |
| SHON, F J      | 8003260210       | 50-322 Q         | SMITH, Q H       | 8003190927       | 50-272 Q         | STALLINGS, C M | 8003140226       | 50-339 A         |
| SHORR, E M     | 8003100035       | 50-367 Q         | SMITH, Q H       | 8003280613       | 50-219 Q         | STALLINGS, C M | 8003140388       | 50-338 S         |
| SHORR, E M     | 8003250426       | 50-367 Q         | SMITH, J D       | 8003190968       | 50-266 Q         | STALLINGS, C M | 8003170204       | 50-338 P         |
| SHRIVER, B L   | 8003060218       | 50-62 Q          | SMITH, J D       | 8003190986       | 50-301 S         | STALLINGS, C M | 8003140230       | 50-338 P         |
| SHWAB, J       | 8002140292       | PR               | SMITH, R         | 8003060428       | 50-267 Q         | STALLINGS, C M | 8003170461       | 50-338 S         |
| SIBLEY, T H    | 8003200368       | NUREG            | SMITH, H         | 8003280309       | 50-206 Q         | STALLINGS, C M | 8003180254       | 50-339 A         |
| SIGMON, B      | 8003100034       | 50-320 H         | SKOKOWSKI, R T   | 8003130146       | 50-201 R         | STALLINGS, C M | 8003180546       | 50-338 R         |
| SILBERG, J E   | 8003060372       | 50-387 Q         | SMOLIK, T J      | 8003060205       | WASTE MGT        | STALLINGS, C M | 8003180454       | 50-280 R         |
| SILBERG, J E   | 8003190649       | 50-387 Q         | SNADER, O R      | 8003060116       | 50-320 H         | STALLINGS, C M | 8003170347       | 50-280 S         |
| SILBERG, J E   | 8003250029       | PR               | SNADER, R P      | 8003200262       | 50-263 P         | STALLINGS, C M | 8003170349       | 50-338 S         |
| SILBERG, J E   | 8003060372       | 50-387 Q         | SNOW, B A        | 8003170402       | 50-244 R         | STALLINGS, C M | 8003170481       | 50-280 F         |
| SILBERG, J E   | 8003190649       | 50-387 Q         | SOHINKI, S M     | 8003040331       | 50-466 Q         | STALLINGS, C M | 8003180297       | 50-280 P         |
| SILBERG, J E   | 8003040261       | 50-320 T         | SOHINKI, S M     | 8003060090       | 50-437 Q         | STALLINGS, C M | 8003180584       | 50-338 S         |
| SILBERG, J E   | 8003040272       | 50-320 T         | SOHINKI, S M     | 8003190023       | 50-437 Q         | STALLINGS, C M | 8003200393       | 50-338 P         |
| SILBERG, J E   | 8003040037       | 50-320 T         | SOMMER, J L      | 8003280413       | 50-289 H         | STALLINGS, C M | 8003190470       | 50-339 A         |
| SILBERG, J E   | 8003060372       | 50-387 Q         | SOMIN, A A       | 8003190101       | NUREG            | STALLINGS, C M | 8003190648       | 50-339 A         |
| SILBERG, J E   | 8003190649       | 50-387 Q         | SOMMERBERG, E F  | 8003030174       | 50-155 Q         | STALLINGS, C M | 8003210459       | 50-338 S         |
| SILVER, H      | 8003110235       | 50-320 U         | SOONO, A L       | 8003060390       | 70-1100          | STALLINGS, C M | 8003210309       | 50-339 A         |
| SILVER, H      | 8003040215       | 50-289 P         | SOONO, A         | 8003270108       | 40-3392          | STALLINGS, C M | 8003210326       | 50-280 Q         |
| SINCHUK, Q     | 8003140115       | WASTE MGT        | SOUCY, A R       | 8003250349       | 50-29 J          | STALLINGS, C M | 8003210422       | 50-338 P         |
| SINCHUK, Q     | 8003140430       | WASTE MGT        | SOUCY, A R       | 8003310247       | 50-29 I          | STALLINGS, C M | 8003260346       | 50-339 S         |
| SINCHUK, J D   | 8003130175       | 71-9132          | SOUDER, J L      | 8003210131       | MISC             | STALLINGS, C M | 8003210197       | 50-339 A         |
| SIMMONS, D E   | 8003310036       | 50-443 H         | SOUDER, J L      | 8003280356       | 50-289 Q         | STALLINGS, C M | 8003250351       | 50-280 P         |
| SIMPSON, C     | 8003130634       | 50-574 Q         | SOUTHWARD, D. O  | 8003260479       | REGGD            | STALLINGS, C M | 8003240465       | 50-338 S         |
| SIMPSON, A K   | 8003110268       | 50-320 U         | SOUTHERLAND, J T | 8003310431       | 50-280 Q         | STALLINGS, C M | 8003260416       | 50-280 P         |
| SINGER, C      | 8003200040       | 50-320 H         | SOUDON, T L      | 8003070369       | 50-293 R         | STALLINGS, C M | 8003270310       | 50-280 S         |
| SINGER, L N    | 8003100092       | 50-289 Q         | SPANO, J R       | 8003170056       | 50-320 H         | STALLINGS, C M | 8003280491       | 50-281 S         |
| SINGER, L N    | 8003200538       | 50-289 Q         | SPENCER, W C     | 8003070091       | 50-280 Q         | STALLINGS, C M | 8003280495       | 50-338 P         |
| SINGER, L N    | 8003310446       | 50-289 Q         | SPENCER, W C     | 8003240497       | 50-280 Q         | STALLINGS, C M | 8003310379       | 50-339 H         |
| SINGER, L N    | 8003190930       | 50-289 Q         | SPENCER, W C     | 8003280551       | 50-281 P         | STALLINGS, C M | 8003310388       | 50-339 A         |
| SINGER, B      | 8003190773       | FOIA             | SPENCER, W C     | 8003040423       | 50-281 P         | STALLINGS, C M | 8003310230       | 50-338 P         |
| SINGER, B      | 8003190856       | FOIA             | SPENCER, W C     | 8003040450       | 50-280 Q         | STALLINGS, C M | 8003310301       | 50-338 S         |
| SINGER, B      | 8003190840       | FOIA             | SPENCER, G. B    | 8003050187       | 50-328 Q         | STAMPLEY, N L  | 8003180432       | 50-416 A         |
| SINGER, B      | 8003190844       | FOIA             | SPENCER, G. B    | 8003040684       | 50-275 Q         | STAMPLEY, N L  | 8003250562       | 50-416 Q         |
| SINKULE, M V   | 8003270005       | 50-255 Q         | SPENCER, G. B    | 8003140173       | 50-328 Q         | STAMPLEY, N L  | 8003310319       | 50-416 K         |
| SISSON, C E    | 8003110014       | PR               | SPENCER, G. B    | 8003070002       | 50-275 Q         | STAMPLEY, N L  | 8003310314       | 50-416 K         |
| SKOVHOLT, D J  | 8003200327       | 50-219 P         | SPENCER, G. B    | 8003060761       | 50-460 Q         | STAMPELOS, J G | 8003190455       | ACRS             |
| SMART, N       | 8003130600       | 50-556 H         | SPENCER, G. B    | 8003060451       | 50-508 Q         | STAMPELOS, J   | 8003070214       | 50-201 D         |
| SMEAL, L P     | 8003130351       | QA999            | SPENCER, G. B    | 8003190858       | 50-528 Q         | STAMPELOS, J O | 8003070245       | ACRS             |
| SHEDIRA, C     | 8003190759       | 71-9074          | SPENCER, G. B    | 8003040675       | 50-275 Q         | STAMPELOS, J O | 8003070220       | 50-320 D         |
| SMITH, D H     | 8003100164       | 50-320 H         | SPENCER, G. B    | 8003140157       | 50-528 Q         | STAMPELOS, J O | 8003070230       | ACRS             |
| SMITH, E       | 8003060732       | PR               | SPENCER, G. B    | 8003310013       | 50-397 T         | STAMPELOS, J O | 8003070249       | ACRS             |
| SMITH, R H     | 8003120639       | REG              | SPENSBARD, R I   | 8003060712       | 50-265 S         | STANBERRY, E R | 8003250412       | 50-182 F         |
| SMITH, J R     | 8003280353       | CONTRACT         | SPENSBARD, R. L  | 8003060727       | 50-265 S         | STARK, B J     | 8003180488       | TOPREP           |
| SMITH, D A     | 8003200133       | 70-754           | SPENSBARD, R. L  | 8003060739       | 50-264 S         | STARKEY, R B   | 8003210065       | 50-261 Q         |
| SMITH, T       | 8003130653       | WASTE MGT        | SPENSBARD, R. L  | 8003200408       | 50-10 Q          | STARKEY, R B   | 8003270296       | 50-261 Q         |
| SMITH, P. B    | 8003050129       | PR               | SPENSBARD, R. L  | 8003130163       | 50-373 Q         | STARKEY, R B   | 8003040178       | 50-261 R         |
| SMITH, P. B    | 8003270110       | 40-1162          | SPENSBARD, R. L  | 8003130528       | 50-265 S         | STARKEY, R B   | 8003040413       | 50-261 R         |
| SMITH, A E     | 8003280462       | 50-320 P         | SPIELER, P.      | 8003060093       | 40-8697          | STARKEY, R B   | 8003130469       | 50-261 R         |
| SMITH, A E     | 8003280465       | 50-320 P         | SPIELER, P.      | 8003190770       | 40-8697          | STARKEY, R B   | 8003240475       | 50-261 S         |
| SMITH, Q R     | 8003240407       | 50-263 S         | SPIELER, V. F    | 8003060087       | 40-4492          | STARKEY, R B   | 8003240484       | 50-261 S         |
| SMITH, R L     | 8003040611       | 50-271 P         | SPRING, L. C.    | 8003130043       | 50-320 H         | STEEL, C L     | 8003170478       | 50-313 P         |
| SMITH, R L     | 8003170362       | 50-271 R         | SPRING, L. C.    | 8003200598       | 1&E              | STEEL, C L     | 8003280255       | 50-313 P         |
| SMITH, R L     | 8003180314       | 50-271 P         | STAHL, D. M      | 8003190622       | 50-498 H         | STEEL, C L     | 8003310366       | 50-313 P         |
| SMITH, R L     | 8003280466       | 50-271 P         | STAHL, D. M      | 8003040278       | 50-445 H         | STEEL, P. V    | 8003180179       | 70-1173          |
| SMITH, J. W    | 8003070183       | 50-289 Q         | STAHL, D. M      | 8003040636       | 50-445 H         | TELLO, V       | 8003040028       | 50-293 Q         |
| SMITH, J. W    | 8003130004       | 50-289 Q         | STAHL, D. M      | 8003240569       | 50-445 H         | TELLO, V       | 8003110252       | 10CFR            |
| SMITH, J. W    | 8003250330       | 50-289 Q         | STAHL, D. M      | 8003250456       | 50-445 H         | TELLO, V       | 8003110397       | 50-344 Q         |



## PERSONAL AUTHOR INDEX

413

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR        | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|-----------------|------------------|------------------|---------------|------------------|------------------|
| STELLO, V       | 8003060001       | 50-77 Q          | STOLZ, J F      | 8003250185       | 50-275 A         | TAMBLING, T N | 8003190166       | 50-346 S         |
| STELLO, V       | 8003060006*      | 50-77 Q          | STOLZ, J F      | 8003310447       | 50-556 A         | TAMBLING, T N | 8003280203*      | 50-358 Q         |
| STELLO, V       | 8003060013*      | 50-77 Q          | STOLZ, J F      | 8003310456       | 50-358 A         | TAMLER, L     | 8003050099       | 50-387 Q         |
| STELLO, V       | 8003170112       | 50-219 Q         | STOLZ, J F      | 8003260081       | 50-522 A         | TAUBE, J      | 8003110009       | PR               |
| STELLO, V       | 8003190164       | 50-77 Q          | STOLZ, J F      | 8003240131       | 50-461 A         | TANAKA, Y     | 8003120247       | NUREQ            |
| STELLO, V       | 8003190170*      | 50-77 Q          | STOLZ, J F      | 8003240323       | 50-358 A         | TANNER, A B   | 8003240536       | 70-1358          |
| STELLO, V       | 8003190411       | 50-293 P         | STONE, E        | 8003130664*      | 50-320 Q         | TAPERT, A C   | 8003170107       | PR               |
| STELLO, V       | 8003140177       | 50-285 H         | STONEBURNER, W  | 8003050267       | 70-2478          | TAPIA, J I    | 8003120729*      | 50-458 Q         |
| STELLO, V       | 8003140182       | 50-298 H         | STONEBURNER, W  | 8003310246       | 70-2478          | TAUBE, J      | 8003170038*      | 50-320 H         |
| STELLO, V       | 8003140188       | 50-382 H         | STOTT, S J      | 8003270087       | NUREQ            | TAUBER, H     | 8003120540       | 50-341 A         |
| STELLO, V       | 8003190082       | 50-334 Q         | STOTZ, J C      | 8003040590*      | 50-346 S         | TAUBER, H     | 8003040425       | 50-341 A         |
| STELLO, V       | 8003140324       | 50-346 Q         | STOUT, R H      | 8003250292*      | TOPREP           | TAYLOR, J H   | 8003140140       | REGOQ            |
| STELLO, V       | 8003140337*      | 50-346 Q         | STOUT, Q A      | 8003310261       | 71-374           | TAYLOR, J H   | 8003310016       | REGOQ            |
| STELLO, V       | 8003310433       | 50-320 Q         | STRADLEY, Q C   | 8003130477*      | 40-6264          | TAYLOR, J H   | 8003150255       | 50-269 P         |
| STEPHENSON, B B | 8003050601       | 50-10 R          | STRADLEY, Q C   | 8003130470*      | 40-6264          | TAYLOR, J H   | 8003040484       | 50-302 P         |
| STEPHENSON, B B | 8003280349       | 50-10 R          | STRAIT, R A     | 8003170083       | 40-4492          | TAYLOR, J H   | 8003060410       | TOPREP           |
| STEPHENSON, B B | 8003040504       | 50-237 S         | STRAND, H D     | 8003140257*      | 50-508 S         | TAYLOR, J H   | 8003130396       | TOPREP           |
| STEPHENSON, B B | 8003100149       | 50-10 R          | STRATUM, R F    | 8003030470*      | 50-336 S         | TAYLOR, J H   | 8003250287       | TOPREP           |
| STEPHENSON, B B | 8003040531       | 50-249 S         | STRAUSS, P L    | 8003260486*      | SECY             | TAYLOR, J H   | 8003180489       | 50-302 P         |
| STEPHENSON, B B | 8003050370       | 50-249 S         | STREETER, J F   | 8003280191*      | 50-266 Q         | TAYLOR, J H   | 8003180588       | TOPREP           |
| STEPHENSON, B B | 8003110670       | 50-237 S         | STRICKLER, D    | 8003130668*      | 50-320 H         | TAYLOR, J H   | 8003310255       | TOPREP           |
| STEPHENSON, B B | 8003180487       | 50-10 R          | STROUP, P       | 8003060089*      | 50-289 Q         | TAYLOR, A J   | 8003100048*      | State Prog       |
| STEPHENSON, B B | 8003190561       | 50-249 S         | STRUMHASSER, M  | 8003030101       | PROJ             | TAYLOR, R R   | 8003250067       | 71-5908          |
| STEPHENSON, B B | 8003190549       | 50-249 S         | STRUMHASSER, M  | 8003250318       | PROJ             | TAYLOR, P A   | 8003190751*      | 50-302 Q         |
| STEPTOE, P      | 8003060493       | 50-295 P         | STULL, P        | 8003310213       | 50-201 H         | TAYLOR, P A   | 8003110208       | 50-324 Q         |
| STEPTOE, P      | 8003270263       | 50-155 Q         | STUMPH, T L     | 8003060096       | WASTE MOT        | TAYLOR, R Q   | 8003030057*      | 50-445 Q         |
| STEPTOE, P      | 8003270263       | 50-155 Q         | STURN, D        | 8003250425       | NUREQ            | TAYLOR, R Q   | 8003310251*      | 50-445 Q         |
| STERLING, A     | 8003210031*      | FOIA             | STURN, D        | 8003170123       | NUREQ            | TENZER, B E   | 8003180323       | TOPREP           |
| STERN, W C      | 8003060687       | XPORTLIC         | SULLIVAN, S Y   | 8003050249*      | 50-320 Q         | TEPEL, R C    | 8003100183       | NUREQ            |
| STERNBERG, M R  | 8003060457       | 50-275 Q         | SULLIVAN, J H   | 8003190385*      | 50-320 H         | TERILL, D     | 8003130633*      | 50-556 H         |
| STERNBERG, D M  | 8003060623*      | 50-397 Q         | SULLIVAN, W H   | 8003250168       | NUREQ            | THATCHER, D F | 8003310459       | 50-312 T         |
| STERNBERG, D M  | 8003060446*      | 50-288 Q         | SULLIVAN, T J   | 8003200523       | REGOQ            | THATCHER, D F | 8003310024*      | 50-312 T         |
| STETKA, T F     | 8003050029*      | 50-271 Q         | SULLIVAN, R L   | 8003110584       | 50-344 R         | THATCHER, D F | 8003310028*      | 50-312 T         |
| STETKA, T F     | 8003190912*      | 50-333 Q         | SULLIVAN, R F   | 8003060376*      | 50-259 Q         | THATCHER, D F | 8003270154*      | 50-312 T         |
| STEVENS, S C    | 8003050488       | 50-285 S         | SULLIVAN, R F   | 8003190332*      | 50-259 Q         | THATCHER, D F | 8003270157*      | 50-312 T         |
| STEVENS, S C    | 8003050456       | 50-285 S         | SULLIVAN, R F   | 8003050360*      | 50-259 Q         | THATCHER, D F | 8003270067       | 50-312 Q         |
| STEVENS, S C    | 8003050483*      | 50-285 R         | SULLIVAN, R F   | 8003210054*      | 50-259 Q         | THEUREAU, J P | 8003120646*      | 50-320 H         |
| STEVENS, S C    | 8003110603       | 50-285 S         | SUMMERS, R L    | 8003170493*      | 50-289 S         | THIELSCH, H.  | 8003310214*      | 50-269 Q         |
| STEVENS, S C    | 8003240508       | 50-285 S         | SUMMERS, R      | 8003050312*      | 70-33            | THOM, T       | 8003180383*      | 50-259 R         |
| STEVENSON, M Q  | 8003100204       | NUREQ            | SUMMERS, R      | 8003270336*      | 70-135           | THOMAS, J L   | 8003040467       | 50-111 P         |
| STEVENSON, R L  | 8003170127       | 70-820           | SUTHERLAND, J T | 8003250321*      | 70-1113          | THOMAS, E B   | 8003190565       | 50-220 P         |
| STEVENSON, R L  | 8003040702       | 70-820           | SUTHERLAND, J T | 8003110188       | 50-280 Q         | THOMAS, J H   | 8003040460       | 40-3392          |
| STEVENSON, R L  | 8003040713       | 70-1257          | SUTHERLAND, J T | 8003240244       | 27-47            | THOMAS, J H   | 8003170078       | 40-3392          |
| STEWART, D B    | 8003110048       | PR               | SUTHERLAND, J T | 8003190743*      | 50-302 Q         | THOMAS, L M   | 8003050257       | PR               |
| STEWART, W L    | 8003030455*      | 50-280 S         | SUTTER, S L     | 8003250385       | NUREQ            | THOMAS, L M   | 8003140473       | PR               |
| STEWART, W L    | 8003030554*      | 50-280 S         | SUTTON, J W     | 8003270130*      | QA999            | THOMAS, R D   | 8003190159       | 27-48            |
| STEWART, W L    | 8003040644*      | 50-280 S         | SVENSON, B A    | 8003130424*      | 50-315 R         | THOMAS, M     | 8003190639*      | 50-390 Q         |
| STEWART, W L    | 8003040650*      | 50-280 S         | SWAN, W B       | 8003060486*      | 50-518 Q         | THOMAS, M     | 8003050288*      | 50-390 Q         |
| STEWART, W L    | 8003060578*      | 50-280 S         | SWAN, W B       | 8003190356*      | 50-518 Q         | THOMAS, R D   | 8003190788       | 1&E              |
| STEWART, W L    | 8003170383*      | 50-280 S         | SWANBY, Q T     | 8003110043*      | 40-3453          | THOMAS, R D   | 8003130143       | 27-48            |
| STEWART, W L    | 8003170387*      | 50-280 S         | SWANBY, Q T     | 8003190049       | 40-3453          | THOMAS, R D   | 8003110387       | 1&E              |
| STEWART, W L    | 8003170363*      | 50-280 S         | SWANBY, Q T     | 8003180148       | 40-3453          | THOMPQUIST, J | 8003060487       | PR               |
| STEWART, W L    | 8003270315*      | 50-280 S         | SWANBY, Q T     | 8003120679       | 40-3453          | THOMPSON, M A | 8003140124       | WASTE MOT        |
| STEWART, W L    | 8003280497*      | 50-281 S         | SWANSON, D T    | 8003140264*      | 50-522 Q         | THOMPSON, S L | 8003280250       | XPORTLIC         |
| STEWART, R C    | 8003200045*      | 50-445 Q         | SWANSON, D T    | 8003040692       | 50-289 Q         | THOMPSON, M A | 8003050061       | WASTE MOT        |
| STIEDE, W L     | 8003210467       | TOPREP           | SWANSON, D T    | 8003040699*      | 50-289 Q         | THOMPSON, Q J | 8003310219       | State Prog       |
| STIEDE, W L     | 8003170258       | TOPREP           | SWANSON, D T    | 8003120678       | 50-289 Q         | THOMPSON, D   | 8003060695*      | 50-254 S         |
| STOHR, J P      | 8003030032*      | 50-317 Q         | SWANSON, D T    | 8003310345       | 50-338 Q         | THOMUS, L H   | 8003190975*      | 50-272 Q         |
| STOHR, J P      | 8003140092*      | 50-77 Q          | SWANSON, D T    | 8003240371       | 50-289 Q         | THOMUS, L     | 8003270457       | 50-219 S         |
| STOHR, J P      | 8003190975*      | 50-272 Q         | SWANSON, E R    | 8003270233*      | 50-346 Q         | THORPE, J R   | 8003110379       | 50-289 P         |
| STOHR, J P      | 8003280318*      | 50-302 Q         | SWART, F E      | 8003190478       | 50-267 P         | THORPE, J R   | 8003110518       | 50-289 P         |
| STOHR, J P      | 8003040109       | 70-1201          | SWART, F E      | 8003120442       | 50-267 P         | THORPE, J R   | 8003310282*      | 50-289 P         |
| STOHR, J P      | 8003250305*      | 70-1113          | SWART, F E      | 8003120280       | 50-267 P         | THRALL, J E   | 8003060112*      | 40-1341          |
| STOHR, J P      | 8003110200       | 50-324 Q         | SWARTZ, L L     | 8003120678       | 50-289 Q         | TIBBETTS, L   | 8003240581       | 50-556 H         |
| STOHR, J P      | 8003270241*      | 50-269 Q         | SWARTZ, L L     | 8003030117       | 50-289 Q         | TIBBETTS, D L | 8003190803       | 50-395 F         |
| STOHR, J P      | 8003120200       | 50-269 Q         | SWARTZ, L L     | 8003190515       | 50-289 Q         | TILLMAN, T C  | 8003240217       | PR               |
| STOHR, J P      | 8003190201*      | 50-269 Q         | SWARTZ, L L     | 8003250202       | 50-289 Q         | TILLMAN, W F  | 8003310254       | PR               |
| STOHR, J P      | 8003190606*      | 27-47            | SWARTZ, L L     | 8003270013       | 50-289 Q         | TILLMAN, A    | 8003050333*      | 50-327 Q         |
| STOHR, J P      | 8003210574       | 27-47            | SWARTZ, L L     | 8003310178       | 50-289 Q         | TILLMAN, A    | 8003280633*      | 70-2322          |
| STOHR, J P      | 8003260144*      | 50-259 Q         | SWARTZ, L L     | 8003250335       | 50-289 Q         | TINKER, C G   | 8003100199       | NUREQ            |
| STOHR, J P      | 8003190619       | 50-259 Q         | SWARTZ, L L     | 8003250363       | 50-289 Q         | TOBIN, W      | 8003260295       | 50-390 S         |
| STOHR, J P      | 8003210269       | 50-259 Q         | SWARTZ, L L     | 8003200519       | 50-289 Q         | TOBIN, W J    | 8003310398*      | 50-348 Q         |
| STOHR, J P      | 8003250290       | 70-1113          | SWARTZ, L L     | 8003200593       | 50-289 Q         | TOBIN, W J    | 8003310389*      | 70-2479          |
| STOHR, J P      | 8003190728       | 50-302 Q         | SWARTZ, L L     | 8003200564       | 50-289 Q         | TOBIN, W J    | 8003060675*      | 50-250 Q         |
| STOHR, J P      | 8003190183       | 50-269 Q         | SWARTZ, L L     | 8003200573       | 50-289 Q         | TOBIN, W J    | 8003050333*      | 50-327 Q         |
| STOHR, J P      | 8003260112       | 50-259 Q         | SWARTZ, L L     | 8003250162       | 50-289 H         | TOBIN, W J    | 8003050271*      | 50-338 Q         |
| STOHR, J P      | 8003310402       | 50-280 Q         | SWARTZ, L L     | 8003270493       | 50-289 Q         | TOBIN, W J    | 8003070314*      | 70-2842          |
| STOHR, J P      | 8003280499       | 50-302 Q         | SWITZER, D C    | 8003050100*      | 50-245 Q         | TOBIN, W J    | 8003070326*      | 50-406 Q         |
| STOLZ, J F      | 8003060667       | 50-364 A         | SZUKIEWICZ, A J | 8003190548       | MIBC             | TOBIN, W J    | 8003280633*      | 70-2322          |
| STOLZ, J F      | 8003190593       | 50-412 Q         | SZWAUKOWSKI, R  | 8003250566       | 70-1308          | TOBB, Q A     | 8003110216*      | 50-250 Q         |
| STOLZ, J F      | 8003190599*      | 50-412 Q         | SZWAUKOWSKI, R  | 8003310001       | 70-1308          | TOLL, D R.    | 8003200263       | PR               |
| STOLZ, J F      | 8003170126       | 50-461 A         | TAKAHASHI, H    | 8003170148       | REG              | TOLL, D R     | 8003250022       | PR               |
| STOLZ, J F      | 8003100004       | TOPREP           | TALEFF, Q       | 8003060664*      | 50-320 Q         | TOLLISON, A C | 8003190251*      | 50-324 Q         |
| STOLZ, J F      | 8003200622       | 50-275 A         | TALWANI, P.     | 8003140375*      | 50-395 R         | TOLLISON, A C | 8003130220       | 50-324 Q         |
| STOLZ, J F      | 8003240141       | 50-358 A         | TAMBLING, T N   | 8003110156*      | 50-346 Q         | TOLLISON, A C | 8003030434       | 50-324 B         |



## PERSONAL AUTHOR INDEX

| AUTHOR         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------|---------------------|---------------------|-----------------|---------------------|---------------------|------------------|---------------------|---------------------|
| TOLLISON, A C  | 8003030442*         | 50-324 S            | TREBY, S A      | 8003060768          | 50-322 Q            | UHRIG, R E       | 8003180344          | 50-250 R            |
| TOLLISON, A C  | 8003030558          | 50-324 S            | TREBY, S A      | 8003140161          | 50-322 Q            | UHRIG, R E       | 8003240085          | 50-250 Q            |
| TOLLISON, A C  | 8003030566*         | 50-324 S            | TREBY, S A      | 8003270069          | 70-130B             | UHRIG, R E       | 8003110605          | 50-250 P            |
| TOLLISON, A C  | 8003030585          | 50-325 S            | TREIBEL, W C    | 8003200029*         | CONTRACT            | UHRIG, R E       | 8003110563          | 50-250 P            |
| TOLLISON, A C  | 8003030594*         | 50-325 S            | TRESSLER, D W   | 8003050258*         | 50-289 Q            | UHRIG, R E       | 8003110638          | 50-335 F            |
| TOLLISON, A C  | 8003030419          | 50-324 S            | TRIMBLE, D C    | 8003190688*         | 50-313 Q            | UHRIG, R E       | 8003110524          | 50-335 P            |
| TOLLISON, A C  | 8003030423*         | 50-324 S            | TRIMBLE, D C    | 8003030250          | 50-368 P            | UHRIG, R E       | 8003170268          | 50-250 P            |
| TOLLISON, A C  | 8003030560          | 50-325 S            | TRIMBLE, D C    | 8003030532          | 50-368 S            | UHRIG, R E       | 8003190439          | 50-251 Q            |
| TOLLISON, A C  | 8003030567*         | 50-325 S            | TRIMBLE, D C    | 8003040290          | 50-313 P            | UHRIG, R E       | 8003190445          | 50-335 P            |
| TOLLISON, A C  | 8003040574          | 50-324 S            | TRIMBLE, D C    | 8003240251          | 50-313 Q            | UHRIG, R E       | 8003190489          | 50-251 Q            |
| TOLLISON, A C  | 8003040603*         | 50-324 S            | YRIMBLE, D C    | 8003040262          | 50-313 P            | UHRIG, R E       | 8003200384          | 50-250 P            |
| TOLLISON, A C  | 8003040540          | 50-324 R            | TRIMBLE, D C    | 8003040316          | 50-313 P            | UHRIG, R E       | 8003210402          | 50-250 F            |
| TOLLISON, A C  | 8003050479          | 50-324 S            | TRIMBLE, D C    | 8003050189          | 50-313 R            | UHRIG, R E       | 8003210425          | 50-250 P            |
| TOLLISON, A C  | 8003050482*         | 50-324 S            | TRIMBLE, D C    | 8003050184          | 50-368 F            | UHRIG, R E       | 8003210430          | 50-251 P            |
| TOLLISON, A C  | 8003110669          | 50-324 S            | TRIMBLE, D C    | 8003250196          | 50-313 Q            | UHRIG, R E       | 8003240368          | 50-335 P            |
| TOLLISON, A C  | 8003110671*         | 50-324 S            | TRIMBLE, D C    | 8003310382          | 50-368 S            | UHRIG, R E       | 8003240424          | 50-250 P            |
| TOLLISON, A C  | 8003110523          | 50-325 S            | TRIMBLE, D C    | 8003040477          | 50-313 P            | UHRIG, R E       | 8003250471          | 50-335 P            |
| TOLLISON, A C  | 8003110527*         | 50-325 S            | TRIMBLE, D C    | 8003050234          | 50-313 P            | UHRIG, R E       | 8003240346          | 50-250 R            |
| TOLLISON, A C  | 8003120337          | 50-324 S            | TRIMBLE, D C    | 8003140275          | 50-313 P            | UHRIG, R E       | 8003240437          | 50-335 R            |
| TOLLISON, A C  | 8003120548*         | 50-324 S            | TRIMBLE, D C    | 8003130544          | 50-368 P            | UHRIG, R E       | 8003240534          | 50-250 P            |
| TOLLISON, A C  | 8003170431          | 50-324 R            | TRIMBLE, D C    | 8003110598          | 50-368 P            | UHRIG, R E       | 8003260381          | 50-250 P            |
| TOLLISON, A C  | 8003180391          | 50-325 S            | TRIMBLE, D C    | 8003180382          | 50-313 P            | ULLRICH, W T     | 8003170068          | 50-277 S            |
| TOLLISON, A C  | 8003180395*         | 50-325 S            | TRIMBLE, D C    | 8003170147          | 50-313 F            | ULLRICH, W T     | 8003040565*         | 50-277 R            |
| TOLLISON, A C  | 8003180616          | 50-325 S            | TRIMBLE, D C    | 8003180475          | 50-368 S            | ULLRICH, W T     | 8003120526          | 50-278 S            |
| TOLLISON, A C  | 8003180621*         | 50-325 S            | TRIMBLE, D C    | 8003180498          | 50-313 R            | ULMAN, M B       | 8003190304*         | 50-445 Q            |
| TOLLISON, A C  | 8003180581          | 50-324 S            | TRIMBLE, D C    | 8003180518          | 50-368 R            | ULRICH, W T      | 8003060498          | 50-277 S            |
| TOLLISON, A C  | 8003180587*         | 50-324 S            | TRIMBLE, D C    | 8003250437          | 50-368 R            | UPRIGHT, C M     | 8003110184*         | 50-348 Q            |
| TOLLISON, A C  | 8003180403          | 50-325 S            | TRIMBLE, D C    | 8003270484          | 50-313 P            | UPRIGHT, C M     | 8003120740*         | 50-250 Q            |
| TOLLISON, A C  | 8003180412          | 50-324 S            | TRID, E B       | 8003130349*         | 40-4264             | UPRIGHT, C M     | 8003110170*         | 50-364 Q            |
| TOLLISON, A C  | 8003180413*         | 50-325 S            | TRIDLO, K       | 8003310188          | XPORTLIC            | UPRIGHT, C M     | 8003190587*         | 50-390 Q            |
| TOLLISON, A C  | 8003180418*         | 50-324 S            | TRIPLETT, M P   | 8003200558*         | 50-244 P            | UPRIGHT, C M     | 8003250382*         | 50-259 Q            |
| TOLLISON, A C  | 8003180505          | 50-325 S            | TROSTEN, L H    | 8003190318          | PR                  | UPRIGHT, C M     | 8003270354*         | 50-302 Q            |
| TOLLISON, A C  | 8003180511*         | 50-325 S            | TROUTMAN, R C   | 8003120487*         | 50-289 S            | URBANOWSKI, S F  | 8003040197*         | 50-309 P            |
| TOLLISON, A C  | 8003210456          | 50-324 S            | TROWBRIDGE, O F | 8003100022          | 50-320 P            | URBANOWSKI, S F  | 8003030417*         | 50-29 P             |
| TOLLISON, A C  | 8003210463*         | 50-324 S            | TROWBRIDGE, O F | 8003040300          | 50-289 Q            | URBANOWSKI, S F  | 8003210576*         | 50-271 P            |
| TOLLISON, A C  | 8003250466          | 50-324 S            | TROWBRIDGE, O F | 8003050149          | 50-289 Q            | URRIG, R C       | 8003200390          | 50-335 P            |
| TOLLISON, A C  | 8003250474*         | 50-324 S            | TROWBRIDGE, O F | 8003050160          | 50-289 Q            | URRECHAGA, M M   | 7910180096*         | MISC                |
| TOLLISON, A C  | 8003250531          | 50-324 S            | TROWBRIDGE, O F | 8003040300          | 50-289 Q            | UTLEY, E E       | 8003190652          | 50-261 P            |
| TOLLISON, A C  | 8003250537*         | 50-324 S            | TROWBRIDGE, O F | 8003050149          | 50-289 Q            | UTLEY, E E       | 8003200435          | 50-261 P            |
| TOLLISON, A C  | 8003250499          | 50-325 S            | TROWBRIDGE, O F | 8003050160          | 50-289 Q            | UTLEY, E E       | 8003210518          | 50-324 P            |
| TOLLISON, A C  | 8003310286          | 50-325 S            | TRUSSELL, H H   | 8003060038          | 40-8064             | UTLEY, E E       | 8003240418          | 50-324 F            |
| TOLLISON, A C  | 8003310292*         | 50-325 S            | TRUSSELL, H H   | 8003050580          | 40-8064             | UTLEY, E E       | 8003250451          | 50-261 P            |
| TOLLISON, A C  | 8003310348          | 50-325 S            | TRUSSELL, H H   | 8003270514          | 40-8064             | UTLEY, E E       | 8003250492          | 50-261 F            |
| TOLLISON, A C  | 8003310350*         | 50-325 S            | TSANO, C F      | 8003110044          | PR                  | UTLEY, E E       | 8003280535          | 50-261 F            |
| TOLLISON, D P  | 8003130413*         | 50-445 Q            | TSANO, C F      | 8003180281          | PR                  | UTLEY, E E       | 8003280561          | 50-324 P            |
| TOMPKINS, B A  | 8003040306          | 50-275 Q            | TSOULFANIDIS, N | 8003210583          | 50-123 Q            | VAHRENWALD, J    | 8003170457*         | 50-265 S            |
| TOMPKINS, B A  | 8003270059          | 50-219 Q            | TUCKER, E E     | 8003260492*         | SECY                | VAHRENWALD, J    | 8003200415*         | 50-265 S            |
| TOMPKINS, B A  | 8003270065          | 50-272 Q            | TUCKER, E E     | 8003260487*         | SECY                | VALENTINE, P J   | 8003110551*         | 50-219 P            |
| TOMPKINS, B A  | 8003310222          | 50-445 M            | TUNSTALL, J E   | 8003200044*         | CONTRACT            | VALLIATH, E J    | 8003210086*         | 50-281 Q            |
| TOND, D        | 7909210450          | MISC                | TURCOTTE, R P   | 8003110039          | PR                  | VALLIATH, E J    | 8003130366*         | 04979               |
| TOOKER, D W    | 8003120531*         | 50-331 S            | TUROON, K B     | 8003270064          | NUREQ               | VAN BRUNT, E E   | 8003050200*         | 50-328 Q            |
| TOOKER, D W    | 8003180522*         | 50-331 S            | TURNER, S       | 8003070135          | PR                  | VAN BRUNT, E E   | 8003110297          | 50-328 Q            |
| TOOKER, D W    | 8003200391*         | 50-331 S            | TURNER, E A     | 8003050210          | 50-498 Q            | VAN BRUNT, E E   | 8003100027          | 50-328 Q            |
| TOOKER, D W    | 8003200396*         | 50-331 S            | TURNER, E A     | 8003280644          | 50-498 G            | VAN BRUNT, E E   | 8003050196*         | 50-328 Q            |
| TOOKER, D W    | 8003240493*         | 50-331 S            | TURNER, E A     | 8003190053          | 50-498 S            | VAN BRUNT, E E   | 8003050193*         | 50-328 Q            |
| TOOKER, D W    | 8003310294*         | 50-331 S            | TURNER, E A     | 8003040228*         | 50-498 G            | VAN BRUNT, E E   | 8003280037          | 50-328 Q            |
| TOOLE, R J     | 8003130152          | 50-289 S            | TURNER, E A     | 8003270218*         | 50-498 Q            | VAN BRUNT, E E   | 8003110661          | 50-328 Q            |
| TORRONEN, K    | 8003280425          | NUREQ               | TURNER, E A     | 8003140267          | 50-498 E            | VAN BRUNT, E E   | 8003120435          | 50-328 S            |
| TORRONEN, K    | 8003170123          | NUREQ               | TURNER, E A     | 8003030404          | 50-498 F            | VAN BRUNT, E E   | 8003250334          | 50-328 A            |
| OSCANI, K      | 8003060024          | PR                  | TURNER, E A     | 8003130548          | 50-498 A            | VAN BRUNT, E E   | 8003260610          | NUREQ               |
| OSCANI, K      | 8003140445          | PR                  | TURNER, E A     | 8003280479          | 50-498 S            | VAN DOORN, P K   | 8003060744*         | 50-416 Q            |
| OTH, J J       | 8003190352*         | MISC                | TWEED, R M      | 8003110286*         | 10CFR               | VAN BICKEL, J    | 8003170495*         | 50-331 S            |
| OURTELLOTTE, J | 8003060457          | 50-275 Q            | TWEED, R M      | 8003170017*         | 10CFR               | VAN WINKLE, W    | 8003270358          | REB                 |
| OURTELLOTTE, J | 8003100135          | 50-275 Q            | TWEED, R M      | 8003110070*         | 10CFR               | VANBRUNT, E E    | 8003200539          | REOQD               |
| OURBRIDGE, O F | 8003060249          | 50-289 Q            | TWEED, R M      | 8003120135*         | 10CFR               | VANBRUNT, E E    | 8003140168*         | 50-328 Q            |
| TRABESER, C M  | 8003240247          | CONTRACT            | TWEED, R M      | 8003170010*         | 10CFR               | VANDERVELDEN, M  | 8003190048          | 50-312 Q            |
| TRAGER, E A    | 8003040246          | WASTE MGT           | TWEED, R M      | 8003120222*         | 10CFR               | VANDENBURGH, D   | 8003200493          | 50-271 P            |
| TRAGER, E A    | 8003260438          | 40-1341             | TWEED, R M      | 8003120235*         | 10CFR               | VANDENBURGH, D E | 8003200191*         | 10CFR               |
| TRAGER, E A    | 8003040046          | 40-1341             | TYLER, P E.     | 8003280457          | 50-170 S            | VANDENBURGH, D E | 8003070046          | PR                  |
| TRAGG, R P     | 8003060594*         | 50-213 B            | UDY, A C        | 8003270090*         | 50-272 P            | VANDENBURGH, D E | 8003040110          | PR                  |
| TRAGG, R P     | 8003310278*         | 50-213 S            | UHRIG, R E      | 8003240538*         | 50-250 P            | VANDENBURGH, D   | 8003040277          | 50-29 P             |
| TRAGG, R P     | 8003310337*         | 50-213 B            | UHRIG, R E      | 8003060477*         | 50-389 Q            | VANDENBURGH, D E | 8003120575          | 50-29 P             |
| TRAMMELL, C M  | 8003250317*         | 50-344 Q            | UHRIG, R E      | 8003280633          | 50-335 S            | VANDEL, T E.     | 8003140181*         | 50-358 Q            |
| TRAMMELL, C M  | 8003250326*         | 50-344 Q            | UHRIG, R E      | 8003280636*         | 50-335 S            | VANDEL, T E.     | 8003310145*         | 50-329 Q            |
| TRAMMELL, C    | 8003050121          | 50-266 P            | UHRIG, R E      | 8003190678          | 50-389 S            | VANDORRN, P K.   | 8003210020*         | 50-327 Q            |
| TRAMMELL, C M  | 8003120407          | 50-266 P            | UHRIG, R E.     | 8003200530          | REOQD               | VANBICKEL, J     | 8003180373*         | 50-331 R            |
| TRAMMELL, C M  | 8003190249          | 50-266 P            | UHRIG, R E.     | 8003280630          | 50-389 Q            | VANBICKEL, J E   | 8003190917          | PR                  |
| TRAMMELL, C M  | 8003200515          | 50-344 F            | UHRIG, R E.     | 8003210116*         | 50-389 Q            | VARELA, A A      | 8003060338*         | 50-423 Q            |
| TRAUER, T C    | 8003270124          | PROJ                | UHRIG, R E.     | 8003030290          | 50-335 P            | VARGA, S A.      | 8003140454          | 50-275 A            |
| TRAUER, T C    | 8003270124          | PROJ                | UHRIG, R E.     | 8003040474          | 50-250 P            | VARGA, S A.      | 8003140065          | 50-320 H            |
| TRAUTHMAN, D   | 8003280496*         | 50-346 S            | UHRIG, R E      | 8003040494          | 50-250 P            | VARGA, S A.      | 8003110242*         | 50-320 U            |
| TRAUTHMAN, D   | 8003040603*         | 50-346 S            | UHRIG, R E      | 8003102251          | 50-335 R            | VAUGHAN, R C     | 8003240288          | 50-201 P            |
| TRAVIS, C C.   | 8003180641          | REB                 | UHRIG, R E      | 8003240077          | 50-335 Q            | VELAZQUEZ-SUARE  | 8003240076*         | 71-360              |
| TRAYLOR, F.    | 8003250147*         | CONTRACT            | UHRIG, R E      | 8003060368          | 50-250 P            | VENEZIANO, D.    | 8003270425*         | TOPREP              |
| TREBY, S A.    | 8003140264*         | 50-322 Q            | UHRIG, R E      | 8003060873          | 50-335 P            | VINJAMURI, K     | 8003280260          | NUREQ               |

# PERSONAL AUTHOR INDEX

415

| AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY |
|-----------------|------------------|------------------|------------------|------------------|------------------|-----------------|------------------|------------------|
| VIVINO, G       | 8003240542       | 50-320 T         | HARR, J W        | 8003180424*      | 50-438 A         | WERLING, J A    | 8003170271       | 50-334 S         |
| VIGEL, A E      | 8003280010       | 50-387 Q         | HARR, M V        | 8003120589       | TOPREP           | WERLING, J A    | 8003180672       | 50-334 S         |
| VOIGHT, H H     | 8003130553       | 50-244 P         | HASERBACH, A E   | 8003200134*      | 10CFR            | WERLING, J A    | 8003260620       | 50-334 S         |
| VOIOT, H H      | 8003060223       | 50-485 Q         | HASERBACH, A E   | 8003200198*      | 10CFR            | WERLING, J A    | 8003260624*      | 50-334 S         |
| VOLLEN, R J     | 8003190611       | 50-367 Q         | HASTLER, S       | 8003280189*      | 50-329 A         | WERLING, J A    | 8003270382       | 50-334 S         |
| VOLLEN, R J     | 8003240208       | 50-367 Q         | HATANABE, H T    | 8003170349       | TOPREP           | WERLING, J A    | 8003270387*      | 50-334 S         |
| VOLLEN, R J     | 8003240214*      | 50-367 Q         | HATFORD, M L     | 8003130473*      | 50-261 R         | WERLING, J A    | 8003270391*      | 50-334 S         |
| VOLLEN, R J     | 8003130096       | 50-367 Q         | WATSON, E C      | 8003070148*      | 70-1143          | WERNER, J       | 8003110685*      | 50-346 S         |
| VOLLEN, R J     | 8003260443       | 50-367 Q         | WATSON, A P      | 8003180641       | RES              | WERNER, J       | 8003140330*      | 50-346 S         |
| VOLLMER, R H    | 8003240163       | 50-10 P          | WATSON, P        | 8003180388*      | 50-206 R         | WESCOTT, H M    | 8003310114*      | 50-461 Q         |
| VOLLMER, R H    | 8003130128       | 50-320 P         | WATZEL, N D      | 8003090506*      | 50-237 P         | WEST, B         | 8003070275*      | HIBC             |
| VOLLMER, R H    | 8003140075       | 50-320 H         | WATZEL, N D      | 8003140242*      | 50-253 P         | WESTERMAN, T F  | 8003060428*      | 50-267 Q         |
| VOLLMER, R H    | 8003060271       | 50-289 H         | WEBER, H R       | 8003200015       | 50-338 S         | WESTERMAN, T F  | 8003120717*      | 50-382 Q         |
| VOLLMER, R H    | 8003040242       | 50-320 H         | WEBER, E H       | 8003210144*      | 50-338 Q         | WESTERMAN, T F  | 8003190089       | 50-368 S         |
| VOLLMER, R H    | 8003140094       | 50-320 P         | WEBSTER, E H     | 8003060235*      | 50-62 Q          | WESTERMAN, T F  | 8003140171       | 50-72 S          |
| VOLLMER, R H    | 8003140116       | 50-320 H         | WEBSTER, E H     | 8003170201       | 50-280 S         | WESTERMAN, T F  | 8003260009       | 50-267 S         |
| VOLLMER, R H    | 8003100160       | 50-320 H         | WEBSTER, E H     | 8003120707       | 50-338 S         | WETTERHAHN, H J | 8003090193       | 50-388 Q         |
| VOLLMER, R H    | 8003130666       | 50-320 H         | WEBSTER, E H     | 8003130666*      | 0A999            | WETTERHAHN, H J | 8003190933       | 50-272 Q         |
| VOLLMER, R H    | 8003130676       | 50-320 Q         | WEEKS, E D       | 8003170404       | 50-133 R         | WETTERHAHN, H J | 8003190942*      | 50-272 Q         |
| VOLLMER, R H    | 8003190314       | 50-320 H         | WEOBT, W         | 8003090439       | 50-142 S         | WETTERHAHN, H J | 8003190942*      | 50-272 Q         |
| VOLLMER, R H    | 8003190434       | 50-320 H         | WHEATON, W R     | 8003270058       | 50-142 P         | WHEATON, W R    | 8003240069       | 50-368 S         |
| VOLLMER, R H    | 8003190763       | 50-320 H         | WHEATON, W R     | 8003090463       | 50-142 P         | WHEATON, W R    | 8003240078*      | 50-368 S         |
| VOLLMER, R H    | 8003170062       | 50-320 H         | WHEATON, W R     | 8003180279       | 50-142 F         | WHEELER, J T    | 8003260043*      | CONTRACT         |
| VOLPE, F J      | 8003240426       | RE000            | WHEATON, W R     | 8003170422       | 50-458 A         | WHERRY, T C     | 8003280302       | 50-289 H         |
| VORDEBRUGGEN    | 8003190867*      | 50-528 Q         | WEIL, P E        | 8003240249*      | CONTRACT         | WHIPP, R F      | 8003120191       | 70-143           |
| VOSS, F W       | 8003130065*      | 50-320 H         | WEINER, R E      | 8003100214*      | 50-251 P         | WHITEHURST, K   | 8003050225*      | 50-289 Q         |
| VDTH, M H       | 8003040010*      | 70-687 PR        | WEINER, R E      | 8003190762*      | 50-247 P         | WHITE, W H      | 8003130284*      | 50-344 Q         |
| VDTH, M H       | 8003130088       | 50-416 Q         | WEINER, R E      | 8003100208*      | 50-251 P         | WHITE, W H      | 8003130308*      | 50-344 Q         |
| WAGNER, A G     | 8003200616*      | 50-416 Q         | WEISS, E R       | 8003200122       | 50-3 P           | WHITE, J G      | 8003240447       | RE000            |
| WAGNER, L V     | 8003130194*      | 50-324 Q         | WEISS, E R       | 8003060494*      | 50-289 Q         | WHITE, R E      | 8003120466*      | 50-309 F         |
| WALBRIDGE, W C  | 8003110657       | 50-312 F         | WEISS, E R       | 8003060499*      | 50-289 Q         | WHITE, L D      | 8003060609       | 50-244 P         |
| WALBRIDGE, W C  | 8003120557       | 50-312 F         | WEISS, E R       | 8003100176       | 50-574 Q         | WHITE, L D      | 8003060458       | 50-244 F         |
| WALBRIDGE, W C  | 8003270106       | 50-312 Q         | WEISS, E R       | 8003240613       | 50-289 Q         | WHITE, L D      | 8003110622       | 50-244 P         |
| WALBRIDGE, W C  | 8003120470       | 50-312 F         | WEISS, J F       | 8003140069       | FOIA             | WHITE, L D      | 8003110882       | 50-244 R         |
| WALBRIDGE, W C  | 8003260888       | 50-312 S         | WEISS, E R       | 8003280665       | FOIA             | WHITE, G L      | 8003130555*      | 50-244 P         |
| WALBRIDGE, W C  | 8003260591       | 50-312 S         | WEISS, E R       | 8003200122       | 50-3 P           | WHITE, L D      | 8003180484       | 50-244 P         |
| WALBRIDGE, W C  | 8003180566       | 50-312 S         | WEISS, E R       | 8003240477       | PR               | WHITE, L D      | 8003190516       | 50-244 P         |
| WALBRIDGE, W C  | 8003190556       | 50-312 S         | WEISS, E R       | 8003060492       | 50-289 Q         | WHITE, L D      | 8003240381       | 50-244 P         |
| WALBRIDGE, W C  | 8003140218       | 50-312 Q         | WEISS, E R       | 8003060494*      | 50-289 Q         | WHITE, L D      | 8003280481       | 50-244 R         |
| WALBRIDGE, W C  | 8003240356       | 50-312 P         | WEISS, E R       | 8003060499*      | 50-289 Q         | WHITE, L D      | 8003280463       | 50-244 P         |
| WALKER, W A     | 8003280297*      | 50-289 H         | WEISS, E R       | 8003240613       | 50-289 Q         | WHITE, L D      | 8003260849       | 50-244 P         |
| WALKER, J V     | 8003130628*      | XP0RTLIC         | WEISS, E R       | 8003250513       | 50-3 Q           | WHITE, L D      | 8003280403       | 50-244 F         |
| WALKER, R D     | 8003270163*      | 50-373 Q         | WEISS, E R       | 8003060492       | 50-289 Q         | WHITESELL, D E  | 80031100242*     | 0A999            |
| WALLENBROM, R   | 8003190012       | 40-8745          | WEISS, A J       | 8003040333       | NUREQ            | WHITESELL, D E  | 8003110103*      | 0A999            |
| WALSH, E J      | 8003060420       | 50-322 Q         | WEISS, A J       | 8003200328       | NUREQ            | WHITESELL, D E  | 8003100147*      | 0A999            |
| WALSH, E J      | 8003060437*      | 50-322 Q         | WEISSENBERGER, B | 8003200346       | NUREQ            | WHITESELL, D E  | 8003110096*      | 0A999            |
| WALTERS, P A    | 8003170087*      | 50-320 H         | WEISSENBERGER, B | 8003250439       | NUREQ            | WHITESELL, D E  | 8003130099*      | 0A999            |
| WALTERS, D K    | 8003190833*      | 50-416 Q         | WEISS, D         | 8003050059*      | 70-364           | WHITESELL, D E  | 8003140120*      | 0A999            |
| WALTOR, O. A.   | 8003280312*      | 50-412 Q         | WEISS, D         | 8003100040       | 70-820           | WHITESELL, D E  | 8003270130*      | 0A999            |
| WANDKE, N E     | 8003050624       | 50-295 R         | WEISS, D         | 8003140335       | 40-8681          | WHITLEY, C O    | 8003260107*      | FOIA             |
| WANDKE, N E     | 8003040404       | 50-295 R         | WEISS, D         | 8003180138       | 70-364           | WHITNEY, O O    | 8003190497*      | 50-293 R         |
| WANDKE, N E     | 8003170380       | 50-304 S         | WEISS, D         | 8003240260       | 40-8722          | WIBLE, S        | 8003260627       | 50-320 Q         |
| WANDKE, N E     | 8003170284       | 50-304 S         | WEISS, D         | 8003200057       | 70-1308          | WICHERS, D L    | 8003130236       | 40-8302          |
| WANDKE, N E     | 8003170299       | 50-304 S         | WEISS, D         | 8003200810       | 70-371           | WIDDOFF, M F    | 8003130171       | 50-289 Q         |
| WANDKE, N E     | 8003110473       | 50-295 R         | WEISS, D         | 8003240263       | 70-754           | WIDDOFF, M F    | 8003130171       | 50-289 Q         |
| WANDKE, N E     | 8003200420       | 50-304 S         | WEISS, D         | 8003240041       | 70-364           | WIDNER, W A     | 8003100019       | 50-321 Q         |
| WANDKE, N E     | 8003200401       | 50-304 S         | WEISS, D         | 8003280661*      | 71-9036          | WIDNER, W A     | 8003170047       | 50-321 Q         |
| WANDKE, N E     | 8003200387       | 50-304 S         | WEISS, J D       | 8003280605*      | 70-364           | WIDNER, W A     | 8003170054       | 50-321 Q         |
| WANDKE, N E     | 8003200411       | 50-295 S         | WEISSBERG, S     | 8003260464       | State Prog       | WIDNER, W A     | 8003060578       | 50-321 P         |
| WANDKE, N E     | 8003260598       | 50-304 S         | WEISZ, Q         | 8003170100       | PR               | WIDNER, W A     | 8003070392       | 50-366 P         |
| WARD, J E       | 8003240379       | RE000            | WEISZ, Q         | 8003250144       | PR               | WIDNER, W A     | 8003110604       | 50-321 Q         |
| WARD, E C       | 8003310144       | 50-282 R         | WELCH, J P       | 7710260224*      | MIBC             | WIDNER, W A     | 8003210068       | 50-321 Q         |
| WARD, E C       | 8003310187       | 50-243 R         | WELCH, J P       | 7710260222*      | MIBC             | WIDNER, W A     | 8003310081*      | 50-321 Q         |
| WARD, K D       | 8003200525*      | 50-316 Q         | WELAND, H J      | 8003130298*      | PROJ             | WIDNER, W A     | 8003240310       | 50-321 Q         |
| WARD, K D       | 8003200506*      | 50-266 Q         | WELLMAN, B Q     | 8003060478       | PR               | WIDNER, W A     | 8003170186       | 50-321 F         |
| WARD, K D       | 8003090659*      | 50-329 Q         | WELSH, J F       | 8003280420*      | 50-320 H         | WIDNER, W P     | 8003180630       | 50-321 P         |
| WAREMBOURG, D   | 8003120307       | 50-267 P         | WENSLAWSKI, F    | 8003280222       | 50-18 S          | WIDOFF, M P     | 8003040691       | 50-289 Q         |
| WAREMBOURG, D   | 8003090484       | 50-267 F         | WENTWORTH, W C   | 8003070270       | PR               | WIDOFF, M P     | 8003240001       | 50-289 Q         |
| WAREMBOURG, D W | 8003110620       | 50-267 F         | WERLING, J A     | 8003050167       | 50-334 S         | WIDOFF, M P     | 8003040691       | 50-289 Q         |
| WAREMBOURG, D   | 8003170426       | 50-267 S         | WERLING, J A     | 8003120364       | 71-9094          | WIDOFF, M P     | 8003240001       | 50-289 Q         |
| WAREMBOURG, D   | 8003250578       | 50-267 P         | WERLING, J A     | 8003120669       | 50-334 S         | WIDRIG, R D     | 8003240503       | TOPREP           |
| WAREMBOURG, D   | 8003260997       | 50-267 P         | WERLING, J A     | 8003030451       | 50-334 S         | WIGGINS, E J    | 8003280138       | CONTRACT         |
| WAREMBOURG, D   | 8003170270       | 50-267 R         | WERLING, J A     | 8003110639*      | 50-334 S         | WIGGINS, E J    | 8003200503       | CONTRACT         |
| WAREMBOURG, D   | 8003250528       | 50-267 S         | WERLING, J A     | 8003230464       | 50-334 S         | WIGGINS, E J    | 8003250402       | CONTRACT         |
| WAREMBOURG, D   | 8003250552       | 50-267 S         | WERLING, J A     | 8003090474       | 50-334 S         | WIGGINTON, D L  | 8003240040       | 50-315 P         |
| WAREMBOURG, D   | 8003310351       | 50-267 S         | WERLING, J A     | 8003050480*      | 50-334 S         | WIGGINTON, D    | 8003200021       | 50-334 P         |
| WAREMBOURG, D   | 8003310373       | 50-267 S         | WERLING, J A     | 8003110630       | 50-334 S         | WIGGINTON, D    | 8003240231       | 50-316 P         |
| WAREMBOURG, D   | 8003250498       | 50-267 S         | WERLING, J A     | 8003110632*      | 50-334 S         | WILCOX, D P     | 8003130160*      | 50-201 R         |
| WAREMBOURG, D   | 8003250535       | 50-267 S         | WERLING, J A     | 8003110634*      | 50-334 S         | WILCOX, J D     | 8003210077*      | 50-261 Q         |
| WAREMBOURG, D   | 8003310328       | 50-267 S         | WERLING, J A     | 8003110636*      | 50-334 S         | WILCOX, J D     | 8003190374*      | 50-416 Q         |
| WARNER, D L     | 8003240242*      | 40-8380          | WERLING, J A     | 8003110641*      | 50-334 S         | WILCOX, J D     | 8003310387*      | 50-438 Q         |
| WARNICK, R F    | 8003190688*      | 50-266 Q         | WERLING, J A     | 8003110643*      | 50-334 S         | WILCOX, J D     | 8003180139       | 50-400 S         |
| WARNICK, R F    | 8003130147*      | 50-263 Q         | WERLING, J A     | 8003110647*      | 50-334 S         | WILDE, R H      | 8003060476*      | 50-320 Q         |
| WARNICK, R F    | 8003280245*      | 50-305 Q         | WERLING, J A     | 8003110651       | 50-334 S         | WILKINSON, E P  | 8003140384       | 50-302 P         |
| WARNICK, R F    | 8003190986       | 50-301 S         | WERLING, J A     | 8003120593       | 50-334 S         | WILL, R C       | 8003200004       | WASTE MGT        |

## PERSONAL AUTHOR INDEX

| AUTHOR           | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR          | ACCESSION NUMBER | SUBJECT CATEGORY | AUTHOR         | ACCESSION NUMBER | SUBJECT CATEGORY |
|------------------|------------------|------------------|-----------------|------------------|------------------|----------------|------------------|------------------|
| WILLEN, J Y      | 8003060740       | PR               | WOOD, E C       | 8003070334       | 50-309 S         | ZELINSKY, W M  | 8003190958       | 50-498 H         |
| WILLHITE, S      | 8003240525       | 50-556 H         | WOOD, E C       | 8003180628       | 50-309 S         | ZELINSKY, W M  | 8003240434       | 50-556 H         |
| WILLIAMS, D      | 8003130475*      | 40-6264          | WOOD, E C       | 8003280504       | 50-309 S         | ZELINSKY, W M  | 8003240438       | MISC             |
| WILLIAMS, D      | 8003130466*      | 40-6264          | WOOD, E C       | 8003310302       | 50-309 S         | ZIBULSKY, H    | 8003190285*      | 70-820           |
| WILLIAMS, D      | 8003130451*      | 40-6264          | WOODHEAD, C P   | 8003190443       | 50-320 H         | ZIBULSKY, H    | 8003280248*      | 70-135           |
| WILLIAMS, D      | 8003130385*      | 40-6264          | WOODHEAD, C P   | 8003240619       | 50-409 Q         | ZIBULSKY, H    | 8003050269*      | 70-371           |
| WILLIAMS, D      | 8003130371*      | 40-6264          | WOODRUFF, R L   | 8003190609*      | 27-47            | ZIEMANN, D L   | 8003070037       | 50-244 P         |
| WILLIAMS, R C    | 8003260089       | 70-371           | WOODRUFF, R L   | 8003120696       | 70-892           | ZIEMANN, D L   | 8003130159       | 50-255 P         |
| WILLIAMS, R C    | 8003240216*      | 70-820           | WOODLEVER, E J  | 8003040074*      | 50-412 Q         | ZIEMANN, D L   | 8003090156       | 50-244 P         |
| WILLIS, E A      | 8003170435*      | 50-324 R         | WOODLEVER, E J  | 8003240034       | 50-412 Q         | ZIEMANN, D L   | 8003060689       | 50-244 P         |
| WILLIFORD, R E   | 8003200453       | MUREO            | WOODLEVER, E J  | 8003280290*      | 50-412 Q         | ZIEMANN, D L   | 8003060691*      | 50-244 P         |
| WILLIAMS, C C    | 8003250284*      | 50-454 Q         | WOODLEVER, E J  | 8003030494       | 50-334 P         | ZIEMANN, D L   | 8003060696*      | 50-244 P         |
| WILLIAMS, C C    | 8003050106*      | 50-546 Q         | WOODLEVER, E J  | 8003170450       | 50-412 B         | ZIEMANN, D L   | 8003050158       | 50-244 F         |
| WILLIAMS, C C    | 8003050640*      | 50-546 Q         | WOODSEY, R T    | 8003030468       | 40-6622          | ZIEMANN, D L   | 8003070272       | 50-10 P          |
| WILLIAMS, C C    | 8003200443*      | 50-454 Q         | WORKMAN, D      | 8003170065*      | 50-320 H         | ZIEMANN, D L   | 8003070274       | 50-235 P         |
| WILLIAMS, C C    | 8003250043*      | 50-546 Q         | WRAY, J R       | 8003200172       | 50-338 S         | ZIEMANN, D L   | 8003070278       | 50-155 P         |
| WILLIAMS, C C    | 8003110360       | 50-546 S         | WRIGHT, K H     | 8003270096       | 40-4492          | ZIEMANN, D L   | 8003070281       | 50-244 P         |
| WILLSEY, W J     | 8003110585       | 50-277 R         | WRIGHT, K H     | 8003190006       | 40-4492          | ZIEMANN, D L   | 8003070284       | 50-213 P         |
| WILSON, R H      | 8003190617       | 50-271 Q         | WRIGHT, F S     | 8003050425       | 50-471 Q         | ZIEMANN, D L   | 8003070289       | 50-155 P         |
| WILSON, W E      | 8003180490       | 50-27 F          | WRIGHT, R W     | 8003190273*      | 50-390 Q         | ZIEMANN, D L   | 8003070294       | 50-213 P         |
| WILSON, W R      | 8003050179       | 50-498 M         | WRIGHT, R W     | 8003190137*      | 50-553 Q         | ZIEMANN, D L   | 8003070324       | 50-206 P         |
| WILSON, W R      | 8003050179       | 50-498 M         | WRIGHT, R W     | 8003270387*      | 50-438 Q         | ZIEMANN, D L   | 8003070325       | 50-219 P         |
| WILSON, R H      | 8003250292*      | TOPREP           | WRIGHT, O C     | 8003310409       | 50-155 Q         | ZIEMANN, D L   | 8003070327       | 50-219 P         |
| WILSON, B D      | 8003060256       | 70-1159          | WRIGHT, O C     | 8003191002       | 50-331 S         | ZIEMANN, D L   | 8003070330       | 50-29 P          |
| WILSON, B        | 8003120386       | XPORTLIC         | WU, Q           | 8003310397       | WASTE MOT        | ZIEMANN, D L   | 8003070333       | 50-245 P         |
| WILSON-ZALKO, L  | 8003180165*      | 50-556 Q         | WU, Q           | 8003310404*      | WASTE MOT        | ZIEMANN, D L   | 8003070336       | 50-237 P         |
| WILSON-ZALKO, L  | 8003180168*      | 50-556 Q         | MULLER, Q E     | 8003110816       | 50-461 Q         | ZIEMANN, D L   | 8003070339       | 50-237 P         |
| WILSON, B        | 8003060497*      | 50-275 U         | MULLER, Q E     | 8003200455       | 50-461 A         | ZIEMANN, D L   | 8003130213       | 50-206 P         |
| WILSON, R F      | 8003100054*      | 50-320 Q         | MULLER, Q E     | 8003180524       | 50-461 A         | ZIEMANN, D L   | 8003140271       | 50-10 P          |
| WILSON, R F      | 8003120758       | 50-320 P         | MYKOFF, D       | 8003200404*      | 50-265 S         | ZIEMANN, D L   | 8003140277       | 50-29 P          |
| WILSON, R F      | 8003130124       | 50-320 F         | YATES, S R      | 8003250473       | 50-10 U          | ZIEMANN, D L   | 8003140282       | 50-244 P         |
| WILSON, R F      | 8003130078       | 50-320 P         | YATRON, G       | 7906270617*      | MISC             | ZIEMANN, D L   | 8003270083       | 50-255 P         |
| WILSON, R F      | 8003270162       | 50-320 P         | YEH, Q C        | 7910160322       | 50-320 F         | ZIEMANN, D L   | 8003130372       | 50-245 P         |
| WILSON, R F      | 8003270155       | 50-320 P         | YIN, I T        | 8003310422*      | 50-295 Q         | ZIEMANN, D L   | 8003140202       | 50-213 P         |
| WILSON, R F      | 8003110572       | 50-320 S         | YIN, I T        | 8003310124*      | 50-358 Q         | ZIEMANN, D L   | 8003180190       | 50-409 P         |
| WILSON, R F      | 8003110675       | 50-320 S         | YOUNG, Q Q      | 8003070225       | ACRS             | ZIEMANN, D L   | 8003200150       | 50-206 P         |
| WILSON, R F      | 8003270144       | 50-320 F         | YOUNG, Q Q      | 8003100113*      | ACRS             | ZIEMANN, D L   | 8003200155       | 50-155 P         |
| WILSON, R F      | 8003110593       | 50-320 S         | YOUNG, Q Q      | 8003070209       | ACRS             | ZIEMANN, D L   | 8003200592       | 50-10 P          |
| WILSON, R F      | 8003130091       | 50-320 P         | YOUNG, Q Q      | 8003070207       | ACRS             | ZIEMANN, D L   | 8003240337       | 50-219 P         |
| WILSON, R F      | 8003110625       | 50-320 P         | YOUNG, Q Q      | 8003100103*      | ACRS             | ZIEMANN, D L   | 8003250071       | 50-244 P         |
| WILSON, R F      | 8003170283       | 50-320 P         | YOUNG, Q Q      | 8003100098       | ACRS             | ZIEMANN, D L   | 8003280645       | 50-29 P          |
| WILSON, R F      | 8003180545       | 50-320 S         | YOUNG, F        | 8003270180       | State Prog       | ZIEMANN, D L   | 8003240101       | 50-155 P         |
| WILSON, R F      | 8003260491       | 50-320 P         | YOUNG, F        | 8003060314       | State Prog       | ZIEMANN, D L   | 8003260462       | 50-255 P         |
| WILSON, R F      | 8003240394       | 50-320 S         | YOUNGBLOOD, B J | 8003190064       | 50-251 Q         | ZIEMANN, D L   | 8003280281       | 50-155 P         |
| WILSON, R F      | 8003250488       | 50-320 S         | YOUNGBLOOD, B J | 8003190776       | 50-247 P         | ZIEMANN, D L   | 8003280284       | 50-213 F         |
| WILSON, R F      | 8003250546       | 50-320 S         | YOUNGBLOOD, B J | 8003100180       | 50-251 P         | ZIEMANN, D L   | 8003280483       | 50-213 F         |
| WILSON, R F      | 8003250546       | 50-320 S         | YUNDT, C P      | 8003130242*      | 50-344 Q         | ZIEMANN, D L   | 8003200056       | 50-10 P          |
| WILSON, R F      | 8003250497       | 50-320 P         | YUNDT, C P      | 8003130258*      | 50-344 Q         | ZIEMANN, D L   | 8003310054       | 50-255 P         |
| WILSON, R F      | 8003310279       | 50-320 S         | YUNDT, C P      | 8003110578       | 50-344 S         | ZIEMANN, D L   | 8003190911       | 50-29 P          |
| WILSON, R F      | 8003310346       | 50-320 P         | YUNDT, C P      | 8003110648       | 50-344 R         | ZIEMANN, D L   | 8003240305       | 50-244 P         |
| WILSON, J H      | 8003140082*      | 50-272 A         | YUNDT, C P      | 8003130383       | 50-344 S         | ZIEMANN, D L   | 8003240327       | 50-255 P         |
| WINGARD, Q       | 8003250086       | PROJ             | YUNDT, C P      | 8003170306       | 50-344 S         | ZIEMANN, D L   | 8003240332       | 50-206 P         |
| WITHERSPOON, P A | 8003110033       | PR               | ZAGAME, J R     | 8003060614*      | 50-410 H         | ZIEMANN, D L   | 8003240466       | 50-244 P         |
| WITHERSPOON, P A | 8003180237       | PR               | ZAHNER, R E     | 8003050052       | 50-289 Q         | ZIEMANN, D L   | 8003240441       | 50-409 P         |
| WIZNER, D Q      | 8003030399*      | 50-316 S         | ZAHNER, R E     | 8003050076       | 50-289 Q         | ZIEMANN, D L   | 8003280494       | 50-244 P         |
| WOHLSEN, A B     | 8003140106*      | 50-320 P         | ZAHNER, R E     | 8003050082       | 50-289 Q         | ZIEMANN, D L   | 8003310241       | 50-244 P         |
| WOLF, B          | 7908280595       | 50-320 Q         | ZAHNER, R E     | 8003250366       | 50-289 Q         | ZIEMANN, D L   | 8003250353       | 50-237 P         |
| WOLF, J F        | 8003280637       | 50-295 Q         | ZAHNER, R E     | 8003270135       | 50-289 Q         | ZIEMANN, D L   | 8003270042       | 50-29 F          |
| WOLFE, S J       | 8003140192       | 50-466 Q         | ZAHNER, R E     | 8003050032       | 50-289 Q         | ZIEMANN, D L   | 8003280038       | 50-213 F         |
| WOLFE, S J       | 8003250207       | 50-466 Q         | ZAHNER, R E     | 8003050076       | 50-289 Q         | ZIMMERMAN, H A | 8003050046       | PR               |
| WOLFE, S J       | 8003200065       | 50-466 Q         | ZAHNER, R E     | 8003050082       | 50-289 Q         | ZIMMERMAN, J J | 8003250216       | RE090            |
| WOLFE, S J       | 8003240342       | 50-445 M         | ZAHNER, R E     | 8003280364       | 50-289 Q         | ZIMMERMAN, J C | 8003050469*      | 50-331 S         |
| WOLFF, C E       | 8003030334       | 40-8602          | ZAHNER, R E     | 8003270135       | 50-289 Q         | ZIMMERMAN, J C | 8003040537*      | 50-331 S         |
| WOLFF, Q W       | 8003310045*      | 50-295 G         | ZARAKAS, P      | 8003170290       | 50-247 S         | ZITTEL, H E    | 8003280566       | RE8              |
| WOLFF, T A       | 8003170018*      | State Prog       | ZARAKAS, P      | 8003180376       | 50-247 S         | ZITTEL, H E    | 8003280577       | RE8              |
| WOLIVER, J       | 8003040346       | FOIA             | ZARAKAS, P      | 8003140208       | 50-247 P         | ZUFELT, E      | 8003110511*      | 50-333 R         |
| WOLIVER, J       | 8003200520       | PR               | ZARAKAS, P A    | 8003170500       | 50-247 P         |                |                  |                  |
| WOLLETT, S A     | 8003190794       | CONTRACT         | ZEROSKI, E L    | 8003140386       | 50-302 P         |                |                  |                  |
| WOLTER, E        | 8003050269*      | 70-371           | ZECH, Q Q       | 8003190892       | MISC             |                |                  |                  |
| WOLTER, E        | 8003110227*      | 70-371           | ZECK, Q F       | 8003170118       | MISC             |                |                  |                  |
| WOLVERTON, J C   | 8003170454       | TOPREP           | ZEFF, D W       | 8003240111       | 71-6206          |                |                  |                  |
| WONG, T          | 8003050559       | 40-299           | ZEIDERS, R H    | 8003120329*      | 50-409 P         |                |                  |                  |
| WOOD, W C        | 8003120670       | 71-8026          | ZELINSKY, W M   | 8003240448       | 50-498 H         |                |                  |                  |
| WOOD, E C        | 8003120721       | 50-309 S         | ZELINSKY, W M   | 8003190948       | 50-498 H         |                |                  |                  |
| WOOD, E C        | 8003240614       | 50-309 S         | ZELINSKY, W M   | 8003190950       | 50-498 H         |                |                  |                  |

## CORPORATE SOURCE INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|
| AECL, Chalk River Nuclear Laboratories                             | 8003200322          | NUREG               |
| Acres American, Inc  | 8003250123          | WASTE MGT           |
| Aerojet Energy Conversion Co (subs of<br>General Tire & Rubber Co) | 8003050535          | TOPREP              |
| Agriculture, Dept of   | 8003250408*         | CONTRACT            |
| Agriculture, Dept of, Forest Service                               | 8003190764          | WASTE MGT           |
| Agriculture, Dept of, Research Center                              | 8003130135*         | 50-320 P            |
| Alabama Power Co   | 8003040515          | 50-348 R            |
|  | 8003040522*         | 50-348 R            |
|  | 8003050014          | 50-348 S            |
|  | 8003050020*         | 50-348 S            |
|  | 8003050026*         | 50-348 S            |
|  | 8003050032*         | 50-348 S            |
|  | 8003050040*         | 50-348 S            |
|  | 8003050045*         | 50-348 S            |
|  | 8003050055*         | 50-348 S            |
|  | 8003050063*         | 50-348 S            |
|  | 8003050072          | 50-348 P            |
|  | 8003050074*         | 50-348 P            |
|  | 8003050044*         | 50-348 R            |
|  | 8003050057*         | 50-348 R            |
|  | 8003050089          | 50-364 A            |
|  | 8003100187          | 50-348 K            |
|  | 8003100187          | 50-348 K            |
|  | 8003100191*         | 50-348 K            |
|  | 8003100191*         | 50-348 K            |
|  | 8003110574          | 50-348 R            |
|  | 8003110574          | 50-348 R            |
|  | 8003110577*         | 50-348 R            |
|  | 8003110577*         | 50-348 R            |
|  | 8003120552          | 50-348 P            |
|  | 8003170301          | 50-348 V            |
|  | 8003170301          | 50-348 V            |
|  | 8003180427          | 50-348 R            |
|  | 8003180427          | 50-348 R            |
|  | 8003180433*         | 50-348 R            |
|  | 8003180433*         | 50-348 R            |
|  | 8003180438*         | 50-348 R            |
|  | 8003180438*         | 50-348 R            |
|  | 8003180529          | 50-364 A            |
|  | 8003180535*         | 50-364 A            |
|  | 8003180599          | 50-348 R            |
|  | 8003180599          | 50-348 R            |
|  | 8003180606*         | 50-348 R            |
|  | 8003190457          | 50-348 R            |
|  | 8003190462*         | 50-348 R            |
|  | 8003190536          | 50-364 Q            |
|  | 8003200641          | 50-348 P            |
|  | 8003210586          | 50-348 Q            |
|  | 8003240020          | 50-348 Q            |
|  | 8003240031          | 50-348 Q            |
|  | 8003240072          | 50-364 Q            |
|  | 8003240265          | 50-348 Q            |
|  | 8003240285          | 50-364 A            |
|  | 8003240427          | 50-364 A            |

| AUTHOR<br>AFFILIATION                                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|
|  | 8003240506          | 50-348 S            |
|  | 8003240515*         | 50-348 S            |
|  | 8003240521*         | 50-348 S            |
|  | 8003240528*         | 50-348 S            |
|  | 8003240541          | 50-364 A            |
|  | 8003250212*         | 50-348 Q            |
|  | 8003250514          | 50-348 P            |
|  | 8003260556          | 50-348 P            |
|  | 8003310371          | 50-348 S            |
|  | 8003310375*         | 50-348 S            |
| Alabama, State of  | 8003180424*         | 50-438 A            |
| Alderson Reporting                                       | 8003200529*         | FOIA                |
|  | 8003200542*         | FOIA                |
| Aldrich Chemical Co, Inc (subs of<br>Sigma-Aldrich Corp) | 8003050211          | XPORTLIC            |
| All American Reporting Service                           | 8003200508          | FOIA                |
| Allegheny Electric Cooperative, Inc                      | 8003060372          | 50-387 Q            |
|  | 8003060372          | 50-387 Q            |
|  | 8003190649          | 50-387 Q            |
|  | 8003190649          | 50-387 Q            |
| Allied Chemical Corp.                                    | 8003040460          | 40-3392             |
|  | 8003040466*         | 40-3392             |
|  | 8003310138          | 40-3392             |
| Allied Chemical Corp, Nuclear Services<br>Div            | 8003170078          | 40-3392             |
| Allis-Chalmers Corp                                      | 8003120329*         | 50-409 P            |
|  | 8003180371*         | 50-409 Q            |
| American Fisheries Society, Inc                          | 8003180204*         | 50-320 H            |
| American Friends Service Committee                       | 8003260094          | FOIA                |
| American National Standards Institute                    | 8003070114*         | ACRS                |
| American Nuclear Insurers                                | 7906210206          | 50-320 J            |
| American Society of Mechanical Engineers                 | 8003140142          | REQD                |
|  | 8003280667          | REQD                |
| Amersham Corp  | 8003190310          | FOIA                |
| Anaheim, CA  | 8003280008          | PROJ                |
| Anti-Nuclear Group Representing York                     | 8003140288          | 50-289 Q            |
|  | 8003140291*         | 50-289 Q            |
|  | 8003140293*         | 50-289 Q            |
|  | 8003140297*         | 50-289 Q            |
|  | 8003140302*         | 50-289 Q            |
| Argonne National Laboratory                              | 8003110041          | PR                  |
|  | 8003110052          | PR                  |
|  | 8003180202          | PR                  |
|  | 8003240515*         | 70-B                |
|  | 8003280574          | NUREG               |
| Arizona Public Service Co                                | 8003050193*         | 50-528 Q            |
|  | 8003050196*         | 50-528 Q            |
|  | 8003050200*         | 50-528 Q            |
|  | 8003100027          | 50-528 Q            |
|  | 8003110297          | 50-528 Q            |
|  | 8003110661          | 50-528 Q            |
|  | 8003110661          | 50-528 Q            |
|  | 8003110661          | 50-528 Q            |
|  | 8003110665*         | 50-528 Q            |
|  | 8003110665*         | 50-528 Q            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                                       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003110665*         | 50-528 G            |  | 8003040135*         | 70-135              |
|   | 8003120435          | 50-528 S            |  | 8003040137*         | 70-139              |
|   | 8003120438*         | 50-528 S            |  | 8003040140*         | 70-139              |
|   | 8003140168*         | 50-528 G            |  | 8003040484          | 50-302 P            |
|   | 8003200539          | REGOD               |  | 8003040498*         | 50-302 P            |
|   | 8003250534          | 50-528 A            |  | 8003060410          | TOPREP              |
|   | 8003260610          | NUREG               |  | 8003060413*         | TOPREP              |
|   | 8003280037          | 50-528 G            |  | 8003130396          | TOPREP              |
| Arizona, State of   | 8003260043*         | CONTRACT            |  | 8003130534*         | 50-320 P            |
| Arizona, Univ of  | 8003190290*         | CONTRACT            |  | 8003140053          | 70-135              |
| Arkansas Power & Light Co                                   | 8003030250          | 50-368 P            |  | 8003140060*         | 70-135              |
|   | 8003030532          | 50-368 S            |  | 8003140062          | 70-364              |
|   | 8003030538*         | 50-368 S            |  | 8003140140          | REGOD               |
|   | 8003030540*         | 50-368 S            |  | 8003180210*         | 50-270 P            |
|   | 8003040262          | 50-313 P            |  | 8003180489          | 50-302 P            |
|   | 8003040290          | 50-313 P            |  | 8003180495*         | 50-302 P            |
|   | 8003040316          | 50-313 P            |  | 8003180588          | TOPREP              |
|   | 8003040477          | 50-313 P            |  | 8003190030*         | 70-824              |
|   | 8003040477          | 50-313 P            |  | 8003240111          | 71-6206             |
|   | 8003050184          | 50-368 F            |  | 8003240113*         | 71-6206             |
|   | 8003050188          | 50-313 R            |  | 8003240171          | 70-824              |
|   | 8003050188          | 50-313 R            |  | 8003240176*         | 70-824              |
|   | 8003050192*         | 50-313 R            |  | 8003250287          | TOPREP              |
|   | 8003050192*         | 50-313 R            |  | 8003250292*         | TOPREP              |
|   | 8003050234          | 50-313 P            |  | 8003280141          | 71-6400             |
|   | 8003100051          | 50-368 P            |  | 8003280276*         | 50-302 P            |
|   | 8003110598          | 50-368 P            |  | 8003310016          | REGOD               |
|   | 8003110600*         | 50-368 P            |  | 8003310185          | 70-824              |
|   | 8003130544          | 50-368 P            |  | 8003310193*         | 70-824              |
|   | 8003140152*         | PR                  |  | 8003310255          | TOPREP              |
|   | 8003140275          | 50-313 P            |  | 8003310339          | 70-27               |
|   | 8003170061          | 50-382 A            | Babcock & Wilcox Co , Naval Nuclear Fuel Div | 8003310221          | 70-27               |
|   | 8003170147          | 50-313 F            | Babcock & Wilcox Co , Nuclear Material Div   | 8003040090          | 70-135              |
|   | 8003170478          | 50-313 P            |  | 8003040090          | 70-135              |
|   | 8003180382          | 50-313 S            |  | 8003040094*         | 70-135              |
|   | 8003180384*         | 50-313 S            |  | 8003040249          | 70-364              |
|   | 8003180475          | 50-368 S            |  | 8003040342          | 70-364              |
|   | 8003180478*         | 50-368 S            |  | 8003050044          | 70-135              |
|   | 8003180483*         | 50-368 S            |  | 8003050050*         | 70-135              |
|   | 8003180491*         | 50-368 S            |  | 8003050056          | 70-364              |
|   | 8003180498          | 50-313 R            |  | 8003050067*         | 70-364              |
|   | 8003180501*         | 50-313 R            |  | 8003050101          | 70-135              |
|   | 8003180518          | 50-368 R            |  | 8003050318          | 70-135              |
|   | 8003180520*         | 50-368 R            |  | 8003050320*         | 70-135              |
|   | 8003180596          | 50-348 P            |  | 8003120367          | 71-9069             |
|   | 8003190688*         | 50-313 G            |  | 8003190719*         | 70-135              |
|   | 8003200478          | 50-313 P            |  | 8003200286          | 70-364              |
|   | 8003240291          | 50-313 G            |  | 8003200293*         | 70-364              |
|   | 8003240291          | 50-313 G            |  | 8003200297*         | 70-364              |
|   | 8003250196          | 50-313 G            |  | 8003200304*         | 70-364              |
|   | 8003250437          | 50-368 R            |  | 8003200309*         | 70-364              |
|   | 8003250449*         | 50-368 R            |  | 8003250417          | 70-364              |
|   | 8003260398          | 50-313 F            |  | 8003310448          | 71-6400             |
|   | 8003270484          | 50-313 P            |  | 8003310454*         | 71-6400             |
|   | 8003280255          | 50-313 P            | Baird Corp                                   | 8003070259          | REGOD               |
|   | 8003280295          | 50-313 P            |  | 8003060046          | 50-446 G            |
|   | 8003310366          | 50-313 P            | Baker & Botts                                | 8003060660          | 50-446 G            |
|   | 8003310382          | 50-368 S            |  | 8003200256          | 50-445 M            |
|   | 8003310390*         | 50-368 S            |  | 8003250328          | 50-445 M            |
|   | 8003140147*         | MISC                |  | 8003250328          | 50-445 M            |
| Army, Dept of   | 8003190747          | 71-365              |  | 8003250328          | 50-445 M            |
| Arnold Greene Testing Laboratories, Inc                     | 8003190933*         | 71-365              |  | 8003250328          | 50-445 M            |
| Asher, T R , PC   | 8003060749          | 50-574 G            |  | 8003250332*         | 50-445 M            |
| Association of Community Organizations for Reform Now-Texas | 8003040697          | 50-445 G            |  | 8003250333*         | 50-445 M            |
|   | 8003040697          | 50-445 G            |  | 8003250333*         | 50-445 M            |
|   | 8003040697          | 50-445 G            |  | 8003250339*         | 50-445 M            |
|   | 8003040705*         | 50-445 G            |  | 8003250339*         | 50-445 M            |
|   | 8003040705*         | 50-445 G            |  | 8003250339*         | 50-445 M            |
| Atlantic-Richfield Co                                       | 8003110042          | PR                  |  | 8003250346*         | 50-445 M            |
| Atlas Minerals  | 8003060054          | 40-3453             |  | 8003250346*         | 50-445 M            |
|   | 8003110045*         | 40-3453             |  | 8003250346*         | 50-445 M            |
|   | 8003120679          | 40-3453             |  | 8003250346*         | 50-445 M            |
|   | 8003180148          | 40-3453             |  | 8003270128*         | 50-445 M            |
|   | 8003190069          | 40-3453             |  | 8003270137*         | 50-445 M            |
| Atomic Energy of Canada, Ltd                                | 8003310188          | XPORTLIC            | Baltimore Gas & Electric Co                  | 8003030004*         | 50-317 G            |
|   | 8003190072          | PR                  |  | 8003030017*         | 50-317 G            |
| Atomic Industrial Forum                                     | 8003110002          | PR                  |  | 8003030024*         | 50-317 G            |
| Austria   | 8003110004          | PR                  |  | 8003030299          | 50-317 P            |
| B&B Insulation Inc  | 8003130045*         | 50-320 H            |  | 8003030381          | 50-317 S            |
| Babcock & Wilcox Co   | 8002150255          | 50-269 P            |  | 8003030388*         | 50-317 S            |
|   | 8003040044          | 70-364              |  | 8003050491          | 50-318 S            |
|   | 8003040047*         | 70-364              |  | 8003050454*         | 50-318 G            |
|   | 8003040112          | 70-135              |  | 8003050472          | 50-317 S            |
|   | 8003040120*         | 70-135              |  | 8003050476*         | 50-317 S            |
|   |                     |                     |  | 8003050499          | 50-317 P            |

## CORPORATE SOURCE INDEX

419

| AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|---|---------------------|---------------------|
|  | 8003050499          | 50-317 P            |   | 8003130291*         | 50-344 Q            |
|  | 8003050503          | 50-318 S            |   | 8003130308*         | 50-344 Q            |
|  | 8003050512*         | 50-318 S            |   | 8003190109*         | 50-482 S            |
|  | 8003050537          | 50-317 P            |   | 8003240603          | REGDD               |
|  | 8003060036          | 50-317 R            |   | 8003130351*         | QA999               |
|  | 8003060036          | 50-317 R            | Benjamin F Shaw Co (subs of Bicont,<br>Inc )  |                     |                     |
|  | 8003060041*         | 50-317 R            |   | 8003200476          | REGDD               |
|  | 8003060041*         | 50-317 R            | Bethlehem Steel Corp.                         | 8003060553          | TOPREP              |
|  | 8003060041*         | 50-317 R            | Black & Veatch                                | 8003060554*         | TOPREP              |
|  | 8003060282*         | 50-317 Q            |   | 8003280146          | 40-4492             |
|  | 8003060540          | 50-317 J            | Black Hills Alliance                          | 8003190504*         | 50-320 H            |
|  | 8003110365          | 50-318 S            | Boring Co                                     |                     |                     |
|  | 8003170190          | 50-317 P            |   | 8003280129          | 71-372              |
|  | 8003170410          | 50-317 J            |   | 8003280131*         | 71-372              |
|  | 8003170456          | 50-317 S            | Boring Construction Co (subs of Boring<br>Co) | 8003130028*         | 50-320 H            |
|  | 8003170459*         | 50-317 S            |   |                     |                     |
|  | 8003190485          | 50-317 R            | Bonneville Power Administration               | 8003280013          | 50-344 Q            |
|  | 8003190485          | 50-317 R            | Borg-Warner Corp                              | 8003240069          | 50-368 S            |
|  | 8003190491*         | 50-317 R            |   | 8003240069          | 50-368 S            |
|  | 8003190491*         | 50-317 R            |   | 8003240069          | 50-368 S            |
|  | 8003190526          | 50-318 S            |   | 8003240069          | 50-368 S            |
|  | 8003190531*         | 50-318 S            |   | 8003240078*         | 50-368 S            |
|  | 8003200239          | 50-317 P            |   | 8003240078*         | 50-368 S            |
|  | 8003200446          | 50-318 S            |   | 8003240078*         | 50-368 S            |
|  | 8003200452*         | 50-318 S            |   | 8003240078*         | 50-368 S            |
|  | 8003200593          | PR                  |   | 8003240078*         | 50-368 S            |
|  | 8003240626          | REGDD               | Borgess Hosp Kalamazoo,MI                     | 8003260083*         | FDIA                |
|  | 8003250303          | 50-318 P            |   |                     |                     |
|  | 8003260390          | 50-317 F            | Boston College                                | 8003280353*         | CONTRACT            |
|  | 8003260617          | 50-318 S            | Boston Edison Co                              | 8003030323          | 50-293 J            |
|  | 8003260623*         | 50-318 S            |   | 8003040062          | 50-293 Q            |
|  | 8003270191          | PR                  |   | 8003060506          | 50-293 Q            |
|  | 8003270397          | 50-317 K            |   | 8003060539          | 50-293 S            |
|  | 8003270397          | 50-317 K            |   |                     |                     |
|  | 8003270403*         | 50-317 K            |   | 8003070367          | 50-293 R            |
|  | 8003270403*         | 50-317 K            |   | 8003070369*         | 50-293 R            |
|  | 8003270403*         | 50-317 K            |   | 8003100132          | 50-293 F            |
|  | 8003270403*         | 50-317 K            |   | 8003110077          | 50-293 S            |
|  | 8003270403*         | 50-317 K            |   | 8003110085*         | 50-293 S            |
| Baltimore, MD  | 8003280240          | 50-318 P            |   | 8003110090*         | 50-293 S            |
| Battelle Memorial Institute                                  | 8003240542          | 50-320 T            |   | 8003110098*         | 50-293 S            |
| Battelle Memorial Institute, Columbus<br>Laboratories        | 8003110053          | PR                  |   | 8003110594          | 50-293 P            |
|  | 8003140007          | TOPREP              |   | 8003110601*         | 50-293 P            |
|  | 8003140010*         | TOPREP              |   | 8003120588          | 50-293 Q            |
|  | 8003140015*         | TOPREP              |   |                     |                     |
|  | 8003140122          | NUREQ               |   | 8003120715          | 50-293 Q            |
| Battelle Memorial Institute, Pacific<br>Northwest Laboratory | 8003310152          | REB                 |   | 8003170374          | 50-293 F            |
|  | 8003030224          | NUREQ               |   | 8003170388          | 50-293 F            |
|  | 8003050131          | NUREQ               |   | 8003180601          | 50-293 F            |
|  | 8003050205          | 70-984              |   | 8003190394*         | 50-293 Q            |
|  | 8003060097*         | 70-1143             |   |                     |                     |
|  | 8003070148*         | 70-1143             |   | 8003190493          | 50-293 R            |
|  | 8003110039          | PR                  |   | 8003190497*         | 50-293 R            |
|  | 8003180161          | PR                  |   | 8003200128*         | 10CFR               |
|  | 8003180166          | PR                  |   | 8003240467          | 50-293 S            |
|  | 8003180170          | PR                  |   | 8003240472*         | 50-293 S            |
|  | 8003200453          | NUREQ               |   |                     |                     |
|  | 8003240503          | TOPREP              |   | 8003250392          | 50-293 P            |
|  | 8003250385          | NUREQ               |   | 8003250527          | 50-293 R            |
|  | 8003260436          | REB                 |   | 8003250531*         | 50-293 R            |
|  | 8003260449          | REB                 |   | 8003260642          | 50-293 P            |
|  | 8003280875          | REB                 |   | 8003270321          | 50-293 F            |
| Dear Creek Uranium Co.                                       | 8003310101*         | FDIA                |   | 8003270324          | 50-293 S            |
|  | 8003050573          | 40-8452             | Brookhaven National Laboratory                | 8003270327*         | 50-293 S            |
|  | 8003130142          | 40-8452             |   | 8003030221          | NUREQ               |
|  | 8003280602*         | 40-8452             |   | 8003040254          | NUREQ               |
|  | 8003280657          | 40-8452             |   | 8003040333          | NUREQ               |
| Bechtel Associates Professional Corp                         | 8003040496*         | 50-329 B            |   | 8003050363          | 50-317 F            |
| Bechtel Corp   | 8003130581*         | 50-255 P            |   | 8003050367          | 50-263 F            |
|  | 8003130585*         | 50-255 P            |   | 8003050424          | 50-237 F            |
|  | 8003130587*         | 50-255 P            |   | 8003050475          | 50-309 F            |
|  | 8003130590*         | 50-255 P            |   | 8003050478          | 50-263 F            |
|  | 8003130592*         | 50-255 P            |   |                     |                     |
|  | 8003130599*         | 50-255 P            |   | 8003060750          | TOPREP              |
|  | 8003130322*         | 50-416 K            |   | 8003110546          | 50-317 F            |
|  | 8003130326*         | 50-416 K            |   | 8003120210          | NUREQ               |
|  | 8003130332*         | 50-416 K            |   | 8003120427          | NUREQ               |
|  | 8003130336*         | 50-416 K            |   | 8003140003          | 50-317 F            |
|  | 8003130340*         | 50-416 K            |   |                     |                     |
|  | 8003130347*         | 50-416 K            |   | 8003170148          | RES                 |
|  | 8003130353*         | 50-416 K            |   | 8003170247          | 50-309 F            |
|  | 8003130360*         | 50-416 K            |   | 8003170250          | 50-335 F            |
|  | 8003130365*         | 50-416 K            |   | 8003170255          | 50-246 F            |
| Bechtel Power Corp. (subs of Bechtel<br>Corp )               | 8003130237*         | 50-344 Q            |   | 8003170285          | 50-409 F            |
|  | 8003130252*         | 50-344 Q            |   |                     |                     |
|  | 8003130284*         | 50-344 Q            |   | 8003170286          | TOPREP              |
|  |                     |                     |   | 8003170289          | 50-245 F            |
|  |                     |                     |   | 8003170293          | 50-213 F            |
|  |                     |                     |   | 8003170294          | 50-331 F            |
|  |                     |                     |   | 8003170296          | TOPREP              |
|  |                     |                     |   |                     |                     |
|  |                     |                     |   | 8003170310          | TOPREP              |
|  |                     |                     |   | 8003170317          | 50-219 P            |
|  |                     |                     |   | 8003170320          | TOPREP              |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|-----------------------|---------------------|---------------------|
|   | 8003170331          | TOPREP              |                       | 8003030594*         | 50-325 S            |
|   | 8003170342          | 50-213 F            |                       | 8003030612          | 50-400 A            |
|   | 8003170348          | 50-213 F            |                       | 8003040178          | 50-261 R            |
|   | 8003170355          | 50-213 F            |                       | 8003040183*         | 50-261 R            |
|   | 8003170366          | 50-213 F            |                       | 8003040413          | 50-261 R            |
|   | 8003170377          | 50-263 F            |                       | 8003040415*         | 50-261 R            |
|   | 8003170387          | 50-336 F            |                       | 8003040417*         | 50-261 R            |
|   | 8003170420          | TOPREP              |                       | 8003040540          | 50-324 R            |
|   | 8003170432          | TOPREP              |                       | 8003040540          | 50-324 R            |
|   | 8003170436          | 50-289 F            |                       | 8003040556*         | 50-324 R            |
|   | 8003170437          | 50-344 F            |                       | 8003040594          | 50-324 S            |
|   | 8003170443          | 50-336 F            |                       | 8003040603*         | 50-324 S            |
|   | 8003170466          | 50-317 F            |                       | 8003050384          | 50-255 F            |
|   | 8003170488          | 50-10 F             |                       | 8003050479          | 50-324 S            |
|   | 8003180467          | 50-237 F            |                       | 8003050482*         | 50-324 S            |
|   | 8003180492          | 50-331 F            |                       | 8003060421          | 50-324 R            |
|   | 8003180575          | TOPREP              |                       | 8003060421          | 50-324 R            |
|   | 8003180600          | 50-295 F            |                       | 8003060425*         | 50-324 R            |
|   | 8003180608          | 50-285 F            |                       | 8003060571          | 50-261 Q            |
|   | 8003180622          | 50-254 H            |                       | 8003070280          | 50-324 J            |
|   | 8003200316          | NUREG               |                       | 8003070280          | 50-324 J            |
|   | 8003200328          | NUREG               |                       | 8003070287          | 50-261 J            |
|   | 8003210444          | 50-271 F            |                       | 8003070292          | 50-324 J            |
|   | 8003210448          | 50-295 F            |                       | 8003070292          | 50-324 J            |
|   | 8003250526          | 50-331 F            |                       | 8003070352          | 50-261 J            |
|   | 8003280455          | 50-29 F             |                       | 8003100026          | 50-324 Q            |
| Brown & Root Corp (subs of Halliburton Corp.) | 8003240644          | REQD                |                       | 8003100232          | 50-327 A            |
| Bruce Norton                                  |                     |                     |                       | 8003110523          | 50-325 S            |
| C-E Operating Plants Owners Group             | 8003280003          | 50-275 Q            |                       | 8003110527*         | 50-325 S            |
|   | 8003050435          | NUREG               |                       | 8003110619          | 50-400 S            |
|   | 8003050542          | TOPREP              |                       | 8003110619          | 50-400 S            |
|   | 8003110619          | TOPREP              |                       | 8003110619          | 50-400 S            |
| C-E Power Systems                             | 8003050585          | TOPREP              |                       | 8003110624          | 50-400 S            |
|   | 8003120361          | 71-6294             |                       | 8003110624          | 50-400 S            |
|   | 8003130632          | 70-1100             |                       | 8003110624          | 50-400 S            |
|   | 8003130660          | 70-1100             |                       | 8003110624          | 50-400 S            |
|   | 8003140004          | 70-1100             |                       | 8003110624          | 50-400 S            |
|   | 8003270519          | 70-36               |                       | 8003110668          | 50-324 S            |
|   | 8003270520*         | 70-36               |                       | 8003110671*         | 50-324 S            |
|   | 8003310121          | 70-1100             |                       | 8003120537          | 50-324 S            |
|   | 8003310207          | 70-36               |                       | 8003120548*         | 50-324 S            |
|   | 8003250294          | TOPREP              |                       | 8003130185          | 50-324 Q            |
| C F Braun & Co                                | 8003180267          | PR                  |                       | 8003130194*         | 50-324 Q            |
| California Institute of Technology            | 8003180275          | PR                  |                       | 8003130220          | 50-324 Q            |
| California, State of                          | 8003030101          | PROJ                |                       | 8003130467          | 50-261 R            |
|   | 8003050048          | 50-312 Q            |                       | 8003130473*         | 50-261 R            |
|   | 8003140300          | 50-312 T            |                       | 8003170431          | 50-324 R            |
|   | 8003190734*         | 50-128 P            |                       | 8003170431          | 50-324 R            |
|   | 8003190917          | PR                  |                       | 8003170435*         | 50-324 R            |
|   | 8003250318          | PROJ                |                       | 8003170435*         | 50-324 R            |
|   | 8003270124          | PROJ                |                       | 8003180391          | 50-325 S            |
|   | 8003280028          | 50-275 Q            |                       | 8003180395*         | 50-325 S            |
|   | 8003280300          | 50-312 Q            |                       | 8003180403          | 50-325 S            |
| California, Univ of, Berkeley                 | 8003110033          | PR                  |                       | 8003180412          | 50-324 S            |
|   | 8003110044          | PR                  |                       | 8003180413*         | 50-325 S            |
|   | 8003110091          | PR                  |                       | 8003180418*         | 50-324 S            |
|   | 8003180237          | PR                  |                       | 8003180505          | 50-325 S            |
|   | 8003180262          | 50-224 F            |                       | 8003180511*         | 50-325 S            |
|   | 8003250270          | NUREG               |                       | 8003180581          | 50-324 S            |
|   | 8003250532          | 50-224 R            |                       | 8003180587*         | 50-324 S            |
|   | 8003250536*         | 50-224 R            |                       | 8003180616          | 50-325 S            |
| California, Univ of, Los Angeles              | 8003050439          | 50-142 S            |                       | 8003180621*         | 50-325 S            |
|   | 8003050463          | 50-142 P            |                       | 8003190251*         | 50-324 Q            |
|   | 8003050468*         | 50-142 P            |                       | 8003190646*         | 50-400 Q            |
|   | 8003180279          | 50-142 F            |                       | 8003190651*         | 50-400 Q            |
|   | 8003270058          | 50-142 P            |                       | 8003190652          | 50-261 P            |
|   | 8003270058          | 50-142 P            |                       | 8003190922          | 50-400 Q            |
|   | 8003270063*         | 50-142 P            |                       | 8003190922          | 50-400 Q            |
|   | 8003270063*         | 50-142 P            |                       | 8003190922          | 50-400 Q            |
| California, Univ of, Santa Barbara            | 8003310475*         | CONTRACT            |                       | 8003190922          | 50-400 Q            |
|   | 8003060303          | 50-312 Q            |                       | 8003200435          | 50-261 P            |
|   | 8003170113*         | 50-320 P            |                       | 8003200438*         | 50-261 P            |
| Carolina Power & Light Co                     | 8003030411          | 50-400 F            |                       | 8003210065*         | 50-261 Q            |
|   | 8003030411          | 50-400 F            |                       | 8003210163          | 50-400 Q            |
|   | 8003030411          | 50-400 F            |                       | 8003210283*         | 50-400 Q            |
|   | 8003030411          | 50-400 F            |                       | 8003210297*         | 50-400 Q            |
|   | 8003030419          | 50-324 S            |                       | 8003210456          | 50-324 S            |
|   | 8003030420*         | 50-324 S            |                       | 8003210463*         | 50-324 S            |
|   | 8003030434          | 50-324 S            |                       | 8003210513          | 50-400 A            |
|   | 8003030442*         | 50-324 S            |                       | 8003210518          | 50-324 F            |
|   | 8003030558          | 50-324 S            |                       | 8003210518          | 50-324 P            |
|   | 8003030560          | 50-325 S            |                       | 8003240418          | 50-324 F            |
|   | 8003030566*         | 50-324 S            |                       | 8003240475          | 50-261 S            |
|   | 8003030567*         | 50-325 S            |                       | 8003240484*         | 50-261 S            |
|   | 8003030588          | 50-325 S            |                       | 8003250451          | 50-261 P            |

## CORPORATE SOURCE INDEX

421

| AUTHOR<br>AFFILIATION                               | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003250466          | 50-324 B            |  | 8003130652          | WASTE MGT           |
|   | 8003250474*         | 50-324 B            |  | 8003130658*         | WASTE MGT           |
|   | 8003250492          | 50-261 F            |  | 8003140448          | WASTE MGT           |
|   | 8003250499          | 50-325 S            |  | 8003200010          | WASTE MGT           |
|   | 8003250551          | 50-324 B            |  | 8003250147*         | CONTRACT            |
|   | 8003250559*         | 50-324 S            |  | 8003260513          | State Prog          |
|   | 8003260301          | 50-400 A            |  | 8003260530*         | State Prog          |
|   | 8003270183          | 50-400 Q            | Colorado, Univ of, Denver                          | 8003250129*         | WASTE MGT           |
|   | 8003270296*         | 50-261 Q            |  | 8003250131*         | WASTE MGT           |
|   | 8003270496          | 50-400 A            | Columbia Univ                                      | 8003070032*         | 50-247 H            |
|   | 8003270501*         | 50-400 A            |  | 8003050544*         | TOPREP              |
|   | 8003280535          | 50-261 F            | Combustion Engineering, Inc                        | 8003180183*         | 50-285 P            |
|   | 8003280561          | 50-324 P            | Commerce, Dept of, National Bureau of<br>Standards | 8003120683          | NUREG               |
|   | 8003310049          | FOIA                |  | 8003280242          | 50-184 P            |
|   | 8003310286          | 50-325 S            | Commonwealth Edison Co                             | 8003030353          | 50-295 P            |
|   | 8003310292*         | 50-325 S            |  | 8003030373          | 50-237 P            |
|   | 8003310348          | 50-325 S            |  | 8003030373          | 50-237 P            |
|   | 8003310350*         | 50-325 S            |  | 8003030373          | 50-237 P            |
| Carpenter Technology Corp                           | 8003040669          | XPORTLIC            |  | 8003030373          | 50-237 P            |
|   | 8003040672*         | XPORTLIC            |  | 8003030373          | 50-237 F            |
|   | 8003310176          | XPORTLIC            |  | 8003030438          | 50-237 F            |
|   | 8003310181          | XPORTLIC            |  | 8003030438          | 50-237 F            |
| Catholic Univ                                       | 8003040128*         | 50-77 Q             |  | 8003030438          | 50-237 F            |
|   | 8003060021*         | 50-77 Q             |  | 8003030438          | 50-237 F            |
|   | 8003140070*         | 50-77 Q             |  | 8003040284          | 50-237 F            |
|   | 8003200321          | 50-77 R             |  | 8003040284          | 50-237 F            |
|   | 8003200397*         | 50-77 R             |  | 8003040284          | 50-237 F            |
|   | 8003280398*         | CONTRACT            |  | 8003040284          | 50-237 F            |
| Center for Development Policy                       | 8003060749          | 50-874 Q            |  | 8003040404          | 50-295 R            |
| Center for Law & Social Policy                      | 8003100196          | 50-874 Q            |  | 8003040404          | 50-295 R            |
|   | 8003250465          | 50-275 Q            |  | 8003040504          | 50-237 S            |
| Center for Law in the Public Interest               | 8003040278          | 50-445 M            |  | 8003040512*         | 50-237 S            |
| Central & Southwest Corp                            | 8003060656          | 50-445 M            |  | 8003040521          | 50-373 A            |
|   | 8003250456          | 50-445 M            |  | 8003040526*         | 50-373 A            |
| Carac, Inc  | 8003280178          | XPORTLIC            |  | 8003040531          | 50-249 S            |
|   | 8003050206          | XPORTLIC            |  | 8003040539*         | 50-249 S            |
| Chase Brass & Copper Co., Inc, Chase<br>Nuclear Div | 8003120377          | 71-6275             |  | 8003040547          | 50-265 S            |
| Chem-Nuclear Systems, Inc                           | 8003190152          | 71-6375             |  | 8003040548*         | 50-295 R            |
|   | 8003100104          | QA999               |  | 8003040548*         | 50-295 R            |
| Chemtron Corp, Tube Turns Div                       | 8003050563*         | 50-271 F            |  | 8003040554*         | 50-265 S            |
| Chemtrol Corp                                       | 8003050568*         | 50-271 F            |  | 8003050214          | 50-10 P             |
|   | 8003050576*         | 50-271 F            |  | 8003050370          | 50-249 S            |
|   | 8003050583*         | 50-271 F            |  | 8003050373*         | 50-249 S            |
|   | 8003050591*         | 50-271 F            |  | 8003050417          | 50-254 R            |
|   | 8003050596*         | 50-271 F            |  | 8003050417          | 50-254 R            |
|   | 8003050600*         | 50-271 F            |  | 8003050419*         | 50-254 R            |
|   | 8003050607*         | 50-271 F            |  | 8003050419*         | 50-254 R            |
|   | 8003030235*         | 40-6659             |  | 8003050423*         | 50-254 R            |
| Chen & Associates, Inc                              | 8003310197          | 50-454 Q            |  | 8003050423*         | 50-254 R            |
| Cherry, M H /Cherry, Flynn & Kanter                 | 8003040681          | 50-289 Q            |  | 8003050504          | 50-237 P            |
| Chesapeake Energy Alliance                          | 8003100068          | 50-289 Q            |  | 8003050504          | 50-237 P            |
|   | 8003100079*         | 50-289 Q            |  | 8003050515          | 50-374 S            |
|   | 8003100081*         | 50-289 Q            |  | 8003050550          | 50-327 F            |
|   | 8003100086*         | 50-289 Q            |  | 8003050550          | 50-327 F            |
|   | 8003280389*         | 70-8                |  | 8003050550          | 50-327 F            |
| Chicago, Univ. of                                   | 8003200255          | PR                  |  | 8003050550          | 50-327 F            |
| Chickering & Gregory                                | 8003200305*         | PR                  |  | 8003050601          | 50-10 R             |
|   | 8003280604          | 50-155 Q            |  | 8003050601          | 50-10 R             |
| Christa-Maria                                       | 8003040493          | 50-358 A            |  | 8003050601          | 50-10 R             |
| Cincinnati Gas & Electric Co                        | 8003050153          | 50-358 Q            |  | 8003050611*         | 50-10 R             |
|   | 8003110007          | 50-358 H            |  | 8003050624          | 50-295 R            |
|   | 8003130158          | 50-358 A            |  | 8003050632*         | 50-295 R            |
|   | 8003140398          | 50-358 F            |  | 8003060392          | 50-237 P            |
|   | 8003200361          | 50-358 Q            |  | 8003060545          | 50-373 A            |
|   | 8003280387          | 50-358 S            |  | 8003060663*         | 50-254 S            |
|   | 8003280392          | 50-358 S            |  | 8003060671*         | 50-254 S            |
|   | 8003280640*         | 50-358 Q            |  | 8003060671*         | 50-254 S            |
|   | 8003240525          | 50-856 H            |  | 8003060680*         | 50-254 S            |
| Citizens Action For Safe Energy                     | 8003250313          | 50-387 Q            |  | 8003060680*         | 50-254 S            |
| Citizens Against Nuclear Dangers                    | 8003240606          | 50-445 Q            |  | 8003060686*         | 50-254 S            |
| Citizens Association for Sound Energy               | 8003040037          | 50-320 T            |  | 8003060690*         | 50-254 S            |
|   | 8003040261          | 50-320 T            |  | 8003070396          | 50-237 P            |
|   | 8003040272          | 50-320 T            |  | 8003070396          | 50-237 P            |
| Cleveland Electric Illuminating Co                  | 7910310125*         | 50-366 Q            |  | 8003070396          | 50-237 P            |
|   | 8003050543          | 50-440 S            |  | 8003070396          | 50-237 P            |
|   | 8003050543          | 50-440 S            |  | 8003100149          | 50-10 R             |
|   | 8003050547*         | 50-440 S            |  | 8003100149          | 50-10 R             |
|   | 8003050547*         | 50-440 S            |  | 8003100149          | 50-10 R             |
|   | 8003240288          | 50-201 P            |  | 8003100153*         | 50-10 R             |
| Coalition on West Valley Nuclear Wastes             | 7910180096*         | MIRC                |  | 8003100153*         | 50-10 R             |
| Coastal Environments, Inc.                          | 8003100188          | NUREG               |  | 8003100153*         | 50-10 R             |
|   | 8003120267          | NUREG               |  | 800310385           | 50-237 P            |
|   | 8003120446*         | 50-267 R            |  | 8003110432          | 50-265 P            |
| Colorado State Univ                                 | 8003130184          | WASTE MGT           |  | 8003110437*         | 50-265 P            |
| Colorado, State of                                  |                     |                     |  |                     |                     |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------------|---------------------|---------------------|---------------------------------------|---------------------|---------------------|
|                       | 8003110463          | 50-237 P            |                                       | 8003200425*         | 50-304 S            |
|                       | 8003110463          | 50-237 P            |                                       | 8003200431          | 50-295 P            |
|                       | 8003110463          | 50-237 P            |                                       | 8003200497          | 50-304 P            |
|                       | 8003110463          | 50-237 P            |                                       | 8003210177          | 50-254 S            |
|                       | 8003110473          | 50-295 R            |                                       | 8003210467          | TOPREP              |
|                       | 8003110473          | 50-295 R            |                                       | 8003210505          | 50-295 P            |
|                       | 8003110475*         | 50-295 R            |                                       | 8003210534          | 50-10 F             |
|                       | 8003110475*         | 50-295 R            |                                       | 8003210534          | 50-10 F             |
|                       | 8003110664          | 50-599 A            |                                       | 8003240357          | 50-295 P            |
|                       | 8003110670          | 50-237 S            |                                       | 8003240357          | 50-295 P            |
|                       | 8003110672*         | 50-237 S            |                                       | 8003240464          | 50-237 P            |
|                       | 8003120405          | 50-265 S            |                                       | 8003240464          | 50-237 P            |
|                       | 8003120413*         | 50-265 S            |                                       | 8003240464          | 50-237 P            |
|                       | 8003120612          | 50-295 F            |                                       | 8003240478*         | 50-237 P            |
|                       | 8003130357*         | 50-247 P            |                                       | 8003240482*         | 50-237 P            |
|                       | 8003130357*         | 50-247 P            |                                       | 8003240490*         | 50-237 P            |
|                       | 8003130364*         | 50-247 P            |                                       | 8003240636          | REQD                |
|                       | 8003130393          | 50-295 P            |                                       | 8003250247          | PR                  |
|                       | 8003130393          | 50-295 P            |                                       | 8003250432          | 50-454 K            |
|                       | 8003130401          | 50-454 S            |                                       | 8003250432          | 50-454 K            |
|                       | 8003130401          | 50-454 S            |                                       | 8003250432          | 50-454 K            |
|                       | 8003130415*         | 50-454 S            |                                       | 8003250432          | 50-454 K            |
|                       | 8003130415*         | 50-454 S            |                                       | 8003250437*         | 50-454 K            |
|                       | 8003130433          | 50-295 P            |                                       | 8003250457*         | 50-454 K            |
|                       | 8003130678*         | 50-265 Q            |                                       | 8003250457*         | 50-454 K            |
|                       | 8003140203          | 50-10 P             |                                       | 8003250457*         | 50-454 K            |
|                       | 8003140231          | 50-254 F            |                                       | 8003250511          | 50-3 H              |
|                       | 8003140231          | 50-254 F            |                                       | 8003250511          | 50-3 H              |
|                       | 8003140269*         | 50-254 F            |                                       | 8003250511          | 50-3 H              |
|                       | 8003170170          | 50-237 P            |                                       | 8003250511          | 50-3 H              |
|                       | 8003170284          | 50-304 S            |                                       | 8003250511          | 50-3 H              |
|                       | 8003170288*         | 50-304 S            |                                       | 8003250541          | 50-10 I             |
|                       | 8003170297          | 50-304 S            |                                       | 8003250541          | 50-10 I             |
|                       | 8003170303*         | 50-304 S            |                                       | 8003250541          | 50-10 I             |
|                       | 8003170380          | 50-304 S            |                                       | 8003260541          | 50-237 P            |
|                       | 8003170385*         | 50-304 S            |                                       | 8003260598          | 50-304 S            |
|                       | 8003170389          | 50-254 S            |                                       | 8003260607*         | 50-304 S            |
|                       | 8003170397*         | 50-254 S            |                                       | 8003270112          | 50-249 Q            |
|                       | 8003170452          | 50-265 S            |                                       | 8003270112          | 50-249 Q            |
|                       | 8003170457*         | 50-265 S            |                                       | 8003270346          | 50-237 P            |
|                       | 8003170464          | 50-10 P             |                                       | 8003270346          | 50-237 P            |
|                       | 8003170476          | 50-237 F            |                                       | 8003270346          | 50-237 P            |
|                       | 8003180345          | 50-10 P             |                                       | 8003270346          | 50-237 P            |
|                       | 8003180345          | 50-10 P             |                                       | 8003270371          | 50-249 P            |
|                       | 8003180345          | 50-10 P             |                                       | 8003270373*         | 50-249 P            |
|                       | 8003180345          | 50-10 P             |                                       | 8003270502          | 50-295 P            |
|                       | 8003180358          | 50-295 P            |                                       | 8003270502          | 50-295 P            |
|                       | 8003180358          | 50-295 P            |                                       | 8003280349          | 50-10 R             |
|                       | 8003180359*         | 50-295 P            |                                       | 8003280349          | 50-10 R             |
|                       | 8003180359*         | 50-295 P            |                                       | 8003280349          | 50-10 R             |
|                       | 8003180487          | 50-10 R             |                                       | 8003280358*         | 50-10 R             |
|                       | 8003180493*         | 50-10 R             |                                       | 8003280358*         | 50-10 R             |
|                       | 8003180493*         | 50-10 R             |                                       | 8003280358*         | 50-10 R             |
|                       | 8003190342          | 50-373 K            |                                       | 8003280654*         | 50-254 Q            |
|                       | 8003190347*         | 50-373 K            | Computer Engineering Associates, Inc. | 8003200585          | FOIA                |
|                       | 8003190452          | 50-295 Q            | Computer Sciences Corp                | 8003110285          | NUREG               |
|                       | 8003190452          | 50-295 Q            | Computer Systems Support Corp         | 8003170314*         | CONTRACT            |
|                       | 8003190457          | 50-254 P            | Conax Corp.                           | 8003050194          | XPORTLIC            |
|                       | 8003190549          | 50-249 S            | Connecticut Yankee Atomic Power Co    | 8003040203          | 50-213 R            |
|                       | 8003190551          | 50-249 S            |                                       | 8003050414          | 50-213 S            |
|                       | 8003190569*         | 50-249 S            |                                       | 8003060591          | 50-213 S            |
|                       | 8003190576*         | 50-249 S            |                                       | 8003060594*         | 50-213 S            |
|                       | 8003190711          | 50-10 P             |                                       | 8003070389          | 50-213 R            |
|                       | 8003190843*         | 50-456 Q            |                                       | 8003070391*         | 50-213 R            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110455          | 50-213 P            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110458          | 50-213 S            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110461*         | 50-213 S            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110496          | 50-213 F            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110505*         | 50-213 F            |
|                       | 8003200076          | 50-10 Q             |                                       | 8003110557          | 50-213 P            |
|                       | 8003200383          | 50-254 S            |                                       | 8003140283          | 50-213 P            |
|                       | 8003200385*         | 50-254 S            |                                       | 8003170088          | PR                  |
|                       | 8003200387          | 50-304 S            |                                       | 8003170257          | 50-213 R            |
|                       | 8003200392*         | 50-304 S            |                                       | 8003170260*         | 50-213 R            |
|                       | 8003200398          | 50-265 S            |                                       | 8003170338          | 50-213 P            |
|                       | 8003200401          | 50-304 S            |                                       | 8003170344*         | 50-213 P            |
|                       | 8003200404*         | 50-265 S            |                                       | 8003180122          | 50-213 S            |
|                       | 8003200406          | 50-254 S            |                                       | 8003260609          | 50-213 R            |
|                       | 8003200407*         | 50-304 S            |                                       | 8003260615*         | 50-213 R            |
|                       | 8003200410*         | 50-254 S            |                                       | 8003270343          | 50-213 Q            |
|                       | 8003200411          | 50-295 S            |                                       | 8003280260          | 50-213 P            |
|                       | 8003200412          | 50-265 S            |                                       | 8003310276          | 50-213 S            |
|                       | 8003200413*         | 50-265 S            |                                       | 8003310278*         | 50-213 S            |
|                       | 8003200418*         | 50-295 S            |                                       | 8003310333          | 50-213 S            |
|                       | 8003200420          | 50-304 S            |                                       | 8003310337*         | 50-213 S            |

## CORPORATE SOURCE INDEX

423

| AUTHOR<br>AFFILIATION              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
| Conner, Moore & Corber             | 8003040662          | 50-358 Q            |  | 8003110809          | 50-255 Q            |
|                                    | 8003050153          | 50-358 Q            |  | 8003110532          | 50-255 P            |
|                                    | 8003170446          | 50-416 M            |  | 8003110536*         | 50-255 P            |
|                                    | 8003190933          | 50-272 Q            |  | 8003110652          | 50-255 P            |
|                                    | 8003190942*         | 50-272 Q            |  | 8003120341          | 50-155 I            |
| Consolidated Edison Co of New York | 8003030520          | 50-247 Q            |  | 8003120341          | 50-155 I            |
|                                    | 8003040307          | 50-247 Q            |  | 8003130119          | 50-155 Q            |
|                                    | 8003050237          | 50-3 R              |  | 8003130129*         | 50-155 Q            |
|                                    | 8003050243*         | 50-3 R              |  | 8003130543          | 50-255 P            |
|                                    | 8003120330          | 50-3 Q              |  | 8003130561          | 50-255 R            |
|                                    | 8003130357*         | 50-247 P            |  | 8003130563*         | 50-255 R            |
|                                    | 8003130364*         | 50-247 P            |  | 8003130577          | 50-255 P            |
|                                    | 8003140208          | 50-247 P            |  | 8003140240          | 50-255 P            |
|                                    | 8003170168          | 50-3 F              |  | 8003170158          | TOPREP              |
|                                    | 8003170290          | 50-247 S            |  | 8003170160*         | TOPREP              |
|                                    | 8003170297*         | 50-247 S            |  | 8003170165          | 50-155 F            |
|                                    | 8003170300          | 50-247 P            |  | 8003170167*         | 50-155 F            |
|                                    | 8003170316          | 50-247 P            |  | 8003170343          | 50-255 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003170381          | 50-255 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003190478          | 50-267 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003190479          | 50-155 P            |
|                                    | 8003170444          | 50-3 R              |  | 8003190534          | 50-155 P            |
|                                    | 8003170444          | 50-3 R              |  | 8003200235*         | 50-155 Q            |
|                                    | 8003170444          | 50-3 R              |  | 8003200246*         | 50-155 Q            |
|                                    | 8003180376          | 50-247 S            |  | 8003200258*         | 50-155 Q            |
|                                    | 8003180379*         | 50-247 S            |  | 8003200523          | RECORD              |
|                                    | 8003180470          | 50-3 R              |  | 8003210398          | 50-255 P            |
|                                    | 8003180503          | 50-247 R            |  | 8003240351          | 50-155 P            |
|                                    | 8003180506*         | 50-247 R            |  | 8003250424          | 50-255 Q            |
|                                    | 8003180558          | 50-247 P            |  | 8003250454          | 50-155 S            |
|                                    | 8003190294*         | 50-247 Q            |  | 8003250460*         | 50-155 S            |
|                                    | 8003240529          | 50-3 R              |  | 8003250503          | 50-255 Q            |
|                                    | 8003240529          | 50-3 R              |  | 8003250544          | 50-329 Q            |
|                                    | 8003240529          | 50-3 R              |  | 8003250554          | 50-155 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003260224          | 50-255 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003260235*         | 50-255 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003270263          | 50-155 Q            |
|                                    | 8003250484          | 50-247 P            |  | 8003270490          | 50-255 P            |
|                                    | 8003250506          | 50-3 R              |  | 8003280268          | 50-329 R            |
|                                    | 8003250506          | 50-3 R              |  | 8003310126*         | 50-155 Q            |
|                                    | 8003250506          | 50-3 R              | Cornell Univ                               | 8003260595          | 50-97 P             |
|                                    | 8003250510*         | 50-3 R              |  | 8003310490*         | CONTRACT            |
|                                    | 8003030167*         | 50-155 Q            |  | 8003130655*         | WASTE MGT           |
|                                    | 8003030174*         | 50-155 Q            |  | 8003280648          | WASTE MGT           |
|                                    | 8003030304          | 50-255 P            |  | 8003280656*         | WASTE MGT           |
| Consumers Power Co                 | 8003030311          | 50-255 Q            | Coulter Region Energy Coalition            | 8003080828          | 50-409 H            |
|                                    | 8003040243          | 50-329 S            |  | 8003260811          | 50-409 Q            |
|                                    | 8003040490          | 50-329 S            |  | 8003240645          | EXPORT LIC          |
|                                    | 8003040490          | 50-329 S            |  | 8003310429*         | NUREG               |
|                                    | 8003040550          | 50-255 P            |  | 8003050061          | WASTE MGT           |
|                                    | 8003040564          | 50-255 P            | Dairyland Power Cooperative                | 8003140124          | WASTE MGT           |
|                                    | 8003040571*         | 50-255 P            |  | 8003060828          | 50-409 R            |
|                                    | 8003040576*         | 50-255 P            |  | 8003060830*         | 50-409 R            |
|                                    | 8003050172*         | 70-2623             |  | 8003060832*         | 50-409 R            |
|                                    | 8003050426          | 50-155 R            |  | 8003110653          | 50-409 R            |
|                                    | 8003050430*         | 50-155 R            |  | 8003110654*         | 50-409 R            |
|                                    | 8003050494          | 50-255 P            |  | 8003170441          | 50-409 P            |
|                                    | 8003050514          | 50-155 R            |  | 8003180368          | 50-409 Q            |
|                                    | 8003050516*         | 50-155 R            |  | 8003180504          | 50-409 S            |
|                                    | 8003060257          | 50-255 P            |  | 8003180513*         | 50-409 S            |
|                                    | 8003060261*         | 50-255 P            |  | 8003180631          | 50-409 P            |
|                                    | 8003060479          | 50-255 R            |  | 8003190141          | 50-155 Q            |
|                                    | 8003060485*         | 50-255 R            |  | 8003200462          | 50-409 P            |
|                                    | 8003060488          | 50-255 R            |  | 8003210485          | 50-409 F            |
|                                    | 8003060490*         | 50-255 R            |  | 8003240413          | 50-409 R            |
|                                    | 8003060522          | 50-255 Q            |  | 8003240415*         | 50-409 R            |
|                                    | 8003060535          | 50-255 R            |  | 8003270345          | 50-409 Q            |
|                                    | 8003060538*         | 50-255 R            |  | 8003280469          | 50-409 Q            |
|                                    | 8003060763*         | 50-155 Q            |  | 8003280635          | 50-409 Q            |
|                                    | 8003070251          | 50-255 F            |  | 8003110885          | 50-321 J            |
|                                    | 8003070253*         | 50-255 F            | Dalton, GA                                 | 8003280473*         | 50-409 Q            |
|                                    | 8003070255          | 50-255 P            |  | 8003240149          | 71-9027             |
|                                    | 8003070377          | 50-329 S            |  | 8003240155          | 71-9035             |
|                                    | 8003070377          | 50-329 S            |  | 8003240199          | 71-6717             |
|                                    | 8003070379*         | 50-329 S            |  | 8003240204          | 71-9006             |
|                                    | 8003070379*         | 50-329 S            | Dames & Moore                              | 8003030153          | 50-445 M            |
|                                    | 8003070387          | 50-329 S            |  | 8003040712*         | 50-445 Q            |
|                                    | 8003070387          | 50-329 S            |  | 8003140145          | PR                  |
|                                    | 8003070395          | 50-329 S            |  | 8003200121          | PR                  |
|                                    | 8003070395          | 50-329 S            |  | 8003240173          | 50-445 M            |
|                                    | 8003100193          | 50-255 P            | Daniel International, Daniel Const Co Div. | 8003240173          | 50-445 M            |
|                                    | 8003110026          | 50-155 P            |  | 8003240173          | 50-445 M            |
|                                    | 8003110389          | 50-255 P            |  | 8003250002          | NUREG               |
|                                    | 8003110478          | 50-255 R            |  | 8003260063          | PR                  |
|                                    | 8003110480*         | 50-255 R            |  |                     |                     |
|                                    |                     |                     | Debevoise & Liberman                       | 8003030153          | 50-445 M            |
|                                    |                     |                     |  | 8003040712*         | 50-445 Q            |
|                                    |                     |                     |  | 8003140145          | PR                  |
|                                    |                     |                     |  | 8003200121          | PR                  |
|                                    |                     |                     |  | 8003240173          | 50-445 M            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|-----------------------|---------------------|---------------------|
|   | 8003260277          | 50-445 M            |                       | 8003180153          | 50-269 Q            |
|   | 8003260277          | 50-445 M            |                       | 8003180197          | 50-270 P            |
|   | 8003260277          | 50-445 M            |                       | 8003180207*         | 50-270 P            |
|   | 8003270270          | 50-445 M            |                       | 8003180356          | 50-269 J            |
|   | 8003280634          | 50-445 M            |                       | 8003180449          | 50-270 P            |
| Defense Dept of, Defense Nuclear Agency | 8003280457          | 50-170 S            |                       | 8003180449          | 50-270 P            |
|   | 8003280458*         | 50-170 S            |                       | 8003180609          | 50-269 P            |
| Denver Univ of                          | 8003210037*         | FOIA                |                       | 8003180609          | 50-269 P            |
| Design Space International              | 8003050124*         | CONTRACT            |                       | 8003180609          | 50-269 P            |
| Detroit Edison Co                       | 8003030506          | 50-341 H            |                       | 8003190128*         | 50-269 Q            |
|   | 8003040425          | 50-341 A            |                       | 8003190192*         | 50-269 Q            |
|   | 8003040518          | 50-341 S            |                       | 8003190507          | 50-269 P            |
|   | 8003100042          | 50-341 S            |                       | 8003190507          | 50-269 P            |
|   | 8003110491          | 50-16 J             |                       | 8003190507          | 50-269 P            |
|   | 8003120540          | 50-341 A            |                       | 8003190518          | 50-269 R            |
|   | 8003240387          | 50-341 S            |                       | 8003190518          | 50-269 R            |
| District of Columbia                    | 8003240507          | 50-320 T            |                       | 8003190518          | 50-269 R            |
| Doherty, J F                            | 8003310084          | 50-466 H            |                       | 8003190522*         | 50-269 R            |
| Don L Warner                            | 8003240242*         | 40-B380             |                       | 8003190522*         | 50-269 R            |
| Dow Chemical Co                         | 8003190523          | TOPREP              |                       | 8003190522*         | 50-269 R            |
|   | 8003190528*         | TOPREP              |                       | 8003190600          | 27-47               |
| Dow Corning Corp                        | 8003030549          | 50-264 H            |                       | 8003190988          | 50-269 Q            |
| Dravo Corp                              | 8003190336*         | QA999               |                       | 8003200026          | 50-269 Q            |
|   | 8003190344*         | QA999               |                       | 8003200324          | PR                  |
| Duke Power Co                           | 8003030409          | 50-369 S            |                       | 8003200400          | 50-369 A            |
|   | 8003030409          | 50-369 S            |                       | 8003200400          | 50-369 A            |
|   | 8003030410*         | 50-369 S            |                       | 8003200403*         | 50-369 A            |
|   | 8003030410*         | 50-369 S            |                       | 8003200403*         | 50-369 A            |
|   | 8003030475          | 50-270 S            |                       | 8003200423          | 50-269 S            |
|   | 8003030542          | 50-270 S            |                       | 8003200430*         | 50-269 S            |
|   | 8003030563          | 50-270 Q            |                       | 8003200447          | 50-269 P            |
|   | 8003030563          | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|   | 8003030572*         | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|   | 8003030572*         | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|   | 8003050021          | 70-2623             |                       | 8003200514          | PR                  |
|   | 8003050165          | 70-2623             |                       | 8003200610*         | 50-491 Q            |
|   | 8003050176          | 70-2623             |                       | 8003210199          | 50-488 Q            |
|   | 8003050433          | 50-269 R            |                       | 8003210293          | 50-413 Q            |
|   | 8003050433          | 50-269 R            |                       | 8003210509          | 50-413 S            |
|   | 8003050433          | 50-269 R            |                       | 8003220049          | 50-269 Q            |
|   | 8003050434*         | 50-269 R            |                       | 8003240102          | 50-413 Q            |
|   | 8003050442          | 50-269 F            |                       | 8003240107          | 50-369 Q            |
|   | 8003060162          | 50-369 Q            |                       | 8003240469          | 50-287 S            |
|   | 8003060187          | 50-491 Q            |                       | 8003240474*         | 50-287 S            |
|   | 8003060237          | 50-269 Q            |                       | 8003240519          | 50-413 S            |
|   | 8003070360          | 50-287 S            |                       | 8003240519          | 50-413 S            |
|   | 8003070361          | 50-269 P            |                       | 8003240527*         | 50-413 S            |
|   | 8003070361          | 50-269 P            |                       | 8003240527*         | 50-413 S            |
|   | 8003070362*         | 50-287 S            |                       | 8003250040*         | 50-491 Q            |
|   | 8003100031          | 50-269 Q            |                       | 8003250375*         | 50-413 Q            |
|   | 8003110340          | 50-413 S            |                       | 80032800476         | 50-270 Q            |
|   | 8003110349          | 50-369 S            |                       | 80032800476         | 50-270 Q            |
|   | 8003110349          | 50-369 S            |                       | 8003270044          | 50-269 Q            |
|   | 8003110358*         | 50-369 S            |                       | 8003270233*         | 50-269 Q            |
|   | 8003110358*         | 50-369 S            |                       | 8003270233*         | 50-269 Q            |
|   | 8003110561          | 50-413 S            |                       | 8003270369          | 50-269 P            |
|   | 8003110561          | 50-413 S            |                       | 8003270369          | 50-269 P            |
|   | 8003110564*         | 50-413 S            |                       | 8003270369          | 50-269 P            |
|   | 8003110564*         | 50-413 S            |                       | 8003270370*         | 50-269 P            |
|   | 8003120209*         | 50-269 Q            |                       | 8003270370*         | 50-269 P            |
|   | 8003120214*         | 50-269 Q            |                       | 8003270370*         | 50-269 P            |
|   | 8003120322          | 50-409 P            |                       | 8003270398          | 50-269 P            |
|   | 8003120425          | 50-287 S            |                       | 8003280287          | 50-369 F            |
|   | 8003120433*         | 50-287 S            |                       | 8003280287          | 50-369 F            |
|   | 8003120514          | 50-270 S            |                       | 8003280304*         | 50-369 F            |
|   | 8003120521*         | 50-270 S            |                       | 8003280304*         | 50-369 F            |
|   | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|   | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|   | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|   | 8003120603          | 50-413 S            |                       | 8003280553          | 50-369 A            |
|   | 8003120603          | 50-413 S            |                       | 8003310022          | REQD                |
|   | 8003120608*         | 50-413 S            |                       | 8003310159          | PR                  |
|   | 8003120608*         | 50-413 S            |                       | 8003310163          | REQD                |
|   | 8003130208          | 50-269 Q            |                       | 8003310392          | 50-369 Q            |
|   | 8003140383          | 50-269 P            |                       | 8003310392          | 50-369 Q            |
|   | 8003140383          | 50-269 P            | Duquesne Light Co     | 8003030451          | 50-334 S            |
|   | 8003170041          | 50-269 Q            |                       | 8003030494          | 50-334 P            |
|   | 8003170041          | 50-269 Q            |                       | 8003030499*         | 50-334 P            |
|   | 8003170041          | 50-269 Q            |                       | 8003030504*         | 50-334 P            |
|   | 8003170111          | REQD                |                       | 8003040074*         | 50-412 Q            |
|   | 8003170312          | 50-369 A            |                       | 8003080167          | 50-334 S            |
|   | 8003170393          | 50-287 P            |                       | 8003080474          | 50-334 S            |
|   | 8003170398*         | 50-287 P            |                       | 8003080480*         | 50-334 S            |
|   | 8003180153          | 50-269 Q            |                       | 8003080510          | 50-334 P            |
|   | 8003180153          | 50-269 Q            |                       | 8003060465          | 50-334 Q            |

## CORPORATE SOURCE INDEX

425

| AUTHOR<br>AFFILIATION                           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                                  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003060577          | 50-334 R            | Edlow International Co                                 | 8003120395          | XPORTLIC            |
|   | 8003060581*         | 50-334 R            |  | 8003200167          | XPORTLIC            |
|   | 8003110630          | 50-334 S            |  | 8003280190          | XPORTLIC            |
|   | 8003110632*         | 50-334 S            |  | 8003280221          | XPORTLIC            |
|   | 8003110634*         | 50-334 S            |  | 8003310211          | 70-2322             |
|   | 8003110636*         | 50-334 S            | Eichhorn, Eichhorn & Link                              | 8003040288          | 50-367 Q            |
|   | 8003110639*         | 50-334 S            |  | 8003050001          | 50-367 Q            |
|   | 8003110641*         | 50-334 S            | El Paso Natural Gas                                    | 8003250387*         | 50-320 H            |
|   | 8003110643*         | 50-334 S            | Electric Power Research Institute                      | 8003140386          | 50-302 P            |
|   | 8003110647*         | 50-334 S            |  | 8003140392*         | 50-302 P            |
|   | 8003110651          | 50-334 S            |  | 8003180463          | TOPREP              |
|   | 8003120364          | 71-9094             | Electricities of North Carolina                        | 8003200247*         | 50-269 Q            |
|   | 8003120509          | 50-334 F            | Energy Fuels Nuclear, Inc                              | 8003060047          | 40-8675             |
|   | 8003120513*         | 50-334 F            |  | 8003060063          | 40-8681             |
|   | 8003120593          | 50-334 S            |  | 8003240516          | 40-8681             |
|   | 8003120669          | 50-334 S            |  | 8003280125          | 40-8681             |
|   | 8003170271          | 50-334 S            | Energy Research & Development Admin<br>(Presently DOE) | 8003110023          | PR                  |
|   | 8003170275          | 50-334 R            |  | 8003110037          | PR                  |
|   | 8003170279*         | 50-334 R            |  | 8003110057          | PR                  |
|   | 8003170430          | 50-412 S            |  | 8003110058          | PR                  |
|   | 8003170455*         | 50-412 S            |  | 8003110060          | PR                  |
|   | 8003180632          | 50-334 S            |  | 8003180250          | PR                  |
|   | 8003200409          | 50-334 P            | Energy, Dept of  | 8003040585          | 50-443 Q            |
|   | 8003200494*         | 50-334 Q            |  | 8003050198          | 50-320 P            |
|   | 8003240054          | 50-412 Q            |  | 8003060044          | 70-1319             |
|   | 8003250289          | 50-334 P            |  | 8003060048*         | 70-1319             |
|   | 8003250464          | 50-334 S            |  | 8003060099          | 71-6400             |
|   | 8003260582          | 50-334 Q            |  | 8003070299*         | MISC                |
|   | 8003260620          | 50-334 S            |  | 8003100208*         | 50-251 P            |
|   | 8003260624*         | 50-334 S            |  | 8003100214*         | 50-251 P            |
|   | 8003270318          | 50-334 F            |  | 8003110031          | PR                  |
|   | 8003270382          | 50-334 S            |  | 8003110035          | PR                  |
|   | 8003270387*         | 50-334 S            |  | 8003110066          | PR                  |
|   | 8003270391*         | 50-334 S            |  | 8003120646*         | 50-320 H            |
|   | 8003280261*         | 50-334 Q            |  | 8003130256*         | State Prog          |
|   | 8003280270*         | 50-412 Q            |  | 8003130511          | PR                  |
|   | 8003310324          | 50-334 R            |  | 8003140037*         | 50-320 Q            |
|   | 8003310327*         | 50-334 R            |  | 8003140160          | 40-1341             |
|   | 8003040710*         | 50-320 H            |  | 8003140265*         | 50-339 H            |
|   | 8003100130*         | 70-1257             |  | 8003170100          | PR                  |
| E I du Pont de Nemours & Co, Inc                | 8003190317*         | 70-1257             |  | 8003180220          | PR                  |
|   | 8003280157*         | 70-754              |  | 8003190782*         | 50-247 P            |
| EDS Nuclear, Inc                                | 8003270384*         | 50-275 F            |  | 8003190882*         | 50-320 H            |
| EQ & O, Inc                                     | 8003100153*         | 50-309 P            |  | 8003210055          | 40-8601             |
|   | 8003120629          | RES                 |  | 8003210205          | 71-5597             |
|   | 8003120634          | RES                 |  | 8003250144          | PR                  |
|   | 8003120639          | RES                 |  | 8003250314          | 71-5507             |
|   | 8003130287*         | 50-250 P            |  | 8003310441*         | PRDJ                |
|   | 8003130289*         | PRDJ                |  | 8003310492          | PR                  |
|   | 8003130298*         | PRDJ                | Energy, Dept of, Clinch River Breeder<br>Reactor Plant | 8003180331          | 50-537 A            |
|   | 8003140170*         | 50-272 P            |  | 8003310141          | 50-537 A            |
|   | 8003140220          | NUREG               |  | 8003310144*         | 50-537 A            |
|   | 8003250168          | NUREG               | Environmental Coalition on Nuclear Power               | 8003240509          | 50-387 Q            |
|   | 8003250260          | NUREG               |  | 8003240513*         | 50-387 Q            |
|   | 8003250413          | NUREG               |  | 8003250306          | 50-387 Q            |
|   | 8003270090*         | 50-272 P            |  | 8001100406          | 50-10 H             |
|   | 8003270240          | NUREG               | Environmental Policy Institute                         | 8003050127          | PR                  |
|   | 8003270245*         | NUREG               | Environmental Protection Agency                        | 8003060096          | WASTE MGT           |
|   | 8003310261          | 71-374              |  | 8003060112*         | 40-1341             |
|   | 8003310361*         | 71-374              |  | 8003110027          | PR                  |
| Eagle Inspection, Inc                           | 8003190938          | 70-1703             |  | 8003110032          | PR                  |
| Eastman Kodak Co                                | 8003050201          | 50-574 Q            |  | 8003110036          | PR                  |
| Ebasco Services, Inc (subs. of Enserch<br>Corp) | 8003180323          | TOPREP              |  | 8003110128          | PR                  |
|   | 8003180327*         | TOPREP              |  | 8003110592          | 50-272 P            |
|   | 8003200143*         | XPORTLIC            |  | 8003120613          | DRG                 |
| "   | 8003200471          | REGOD               |  | 8003130642          | 40-1341             |
|   | 8003210319          | TOPREP              |  | 8003180146          | PR                  |
|   | 8003240212          | PR                  |  | 8003180149          | PR                  |
| Eberline Instrument Corp.                       | 8003250347*         | 50-508 A            |  | 8003180178          | PR                  |
|   | 8003040507*         | 50-280 R            |  | 8003180186          | PR                  |
|   | 8003050102*         | 70-135              |  | 8003180205          | PR                  |
|   | 8003050429          | REGOD               |  | 8003180209          | PR                  |
|   | 8003050477*         | 50-344 R            |  | 8003180230          | PR                  |
|   | 8003130009          | XPORTLIC            |  | 8003180246          | PR                  |
|   | 8003190535*         | FOIA                |  | 8003180263          | PR                  |
|   | 8003190563*         | FOIA                |  | 8003180266          | PR                  |
|   | 8003190570*         | FOIA                |  | 8003190049          | 40-2061             |
| Eckert, Seamans, Cherin & Mellott               | 8003060755          | 50-574 Q            |  | 8003270110          | 40-1162             |
| Ecological Analysts, Inc                        | 8003050498*         | 50-219 R            |  | 8003280462          | 50-320 P            |
| Edison Electric Institute                       | 8003040145          | PR                  |  | 8003280462          | 50-320 P            |
|   | 8003120690          | PR                  |  | 8003280465*         | 50-320 P            |
|   | 8003190392*         | PR                  |  | 8003280465*         | 50-320 P            |
|   | 8003210001          | PR                  |  | 8003190382*         | MISC                |
|   | 8003250083          | PR                  | Erie, PA   |                     |                     |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Essex Corp                                     | 8003040095*         | CONTRACT            |                       | 8003170471*         | 50-250 B            |
|  | 8003140305          | 50-339 P            |                       | 8003170473          | 50-335 B            |
|  | 8003310293          | 50-339 A            |                       | 8003170475*         | 50-335 S            |
| European Communities, Commission of            | 8003130024          | XPORTLIC            |                       | 8003180344          | 50-250 R            |
|  | 8003140067          | XPORTLIC            |                       | 8003180344          | 50-250 R            |
|  | 8003140071          | XPORTLIC            |                       | 8003180415*         | 50-250 R            |
|  | 8003190014          | XPORTLIC            |                       | 8003180415*         | 50-250 R            |
|  | 8003240063          | XPORTLIC            |                       | 8003180422*         | 50-250 R            |
| Evergreen Legal Services                       | 8003140259          | 50-322 Q            |                       | 8003180422*         | 50-250 R            |
| Exxon Minerals Co., USA                        | 8003050580          | 40-8064             |                       | 8003190439          | 50-251 Q            |
|  | 8003060038          | 40-8064             |                       | 8003190445          | 50-335 P            |
|  | 8003140005          | 40-8102             |                       | 8003190487          | 50-251 Q            |
|  | 8003270514          | 40-8064             |                       | 8003190678          | 50-387 S            |
| Exxon Nuclear Co., Inc. (subs. of Exxon Corp.) | 8003040059          | 70-1257             |                       | 8003190685*         | 50-387 S            |
|  | 8003050025          | 70-1257             |                       | 8003200384          | 50-250 P            |
|  | 8003050027*         | 70-1257             |                       | 8003200390          | 50-335 P            |
|  | 8003050031          | 70-1257             |                       | 8003200530          | RE000               |
|  | 8003050180          | 70-1257             |                       | 8003210116*         | 50-387 Q            |
|  | 8003050252          | XPORTLIC            |                       | 8003210402          | 50-250 F            |
|  | 8003050255*         | XPORTLIC            |                       | 8003210402          | 50-250 F            |
|  | 8003060646          | XPORTLIC            |                       | 8003210402          | 50-250 F            |
|  | 8003110072          | XPORTLIC            |                       | 8003210425          | 50-250 P            |
|  | 8003110080*         | XPORTLIC            |                       | 8003210425          | 50-250 P            |
|  | 8003110369          | XPORTLIC            |                       | 8003210430          | 50-251 P            |
|  | 8003110380*         | XPORTLIC            |                       | 8003240077          | 50-335 Q            |
|  | 8003110388          | XPORTLIC            |                       | 8003240085          | 50-250 Q            |
|  | 8003110399*         | XPORTLIC            |                       | 8003240085          | 50-250 Q            |
|  | 8003110541          | TOPREP              |                       | 8003240346          | 50-250 R            |
|  | 8003110551*         | 50-219 P            |                       | 8003240346*         | 50-250 R            |
|  | 8003120750          | XPORTLIC            |                       | 8003240348*         | 50-250 R            |
|  | 8003120756*         | XPORTLIC            |                       | 8003240348*         | 50-250 R            |
|  | 8003130015          | XPORTLIC            |                       | 8003240368          | 50-335 P            |
|  | 8003130092*         | GA999               |                       | 8003240424          | 50-250 P            |
|  | 8003130670          | 70-1257             |                       | 8003240424          | 50-250 P            |
|  | 8003130704          | 70-1257             |                       | 8003240437          | 50-335 R            |
|  | 8003190315          | 70-1257             |                       | 8003240442*         | 50-335 R            |
|  | 8003200032          | 70-1257             |                       | 8003240534          | 50-250 P            |
|  | 8003200037*         | 70-1257             |                       | 8003240534          | 50-250 P            |
|  | 8003200043*         | 70-1257             |                       | 8003240538*         | 50-250 P            |
|  | 8003200049*         | 70-1257             |                       | 8003240538*         | 50-250 P            |
|  | 8003200055*         | 70-1257             |                       | 8003240543*         | 50-250 P            |
|  | 8003260643          | 50-244 P            |                       | 8003240543*         | 50-250 P            |
|  | 8003310455          | PR                  |                       | 8003240545*         | 50-250 P            |
| Farris, J. R.                                  | 8003180157          | 50-556 Q            |                       | 8003240545*         | 50-250 P            |
|  | 8003180157          | 50-556 Q            |                       | 8003250471          | 50-335 P            |
|  | 8003180159*         | 50-556 Q            |                       | 8003260381          | 50-250 P            |
|  | 8003180159*         | 50-556 Q            |                       | 8003260633          | 50-335 S            |
| Federal American Partners                      | 8003060087          | 40-4492             |                       | 8003260636*         | 50-335 S            |
| Federal American Partners (Mining)             | 8003190006          | 40-4492             |                       | 8003280630          | 50-387 Q            |
|  | 8003270096          | 40-4492             |                       | 8003310285          | 50-251 S            |
|  | 8003270101*         | 40-4492             |                       | 8003310289*         | 50-251 S            |
| Federal Emergency Management Agency            | 8003040223*         | 50-327 H            |                       | 8003310295          | 50-335 S            |
|  | 8003250258          | PR                  |                       | 8003310299*         | 50-335 S            |
| Finland  | 8003250425          | NURE0               |                       | 8003310300          | 50-250 S            |
| Fitchburg Gas & Electric Light Co.             | 8003200244*         | 50-443 A            |                       | 8003310305*         | 50-250 S            |
|  | 8003120163*         | 70-143              |                       | 8003310309          | 50-335 S            |
| Fleischaker, D. B.                             | 8003250465          | 50-275 Q            |                       | 8003310317*         | 50-335 S            |
|  | 8003030290          | 50-335 P            |                       | 8003310320          | 50-335 S            |
| Florida Power & Light Co.                      | 8003040474          | 50-250 P            |                       | 8003310323*         | 50-335 S            |
|  | 8003040474          | 50-250 P            |                       | 8003310325          | 50-251 S            |
|  | 8003040478*         | 50-250 P            | Florida Power Corp.   | 8003310330*         | 50-251 S            |
|  | 8003040478*         | 50-250 P            |                       | 8003030486          | 50-302 S            |
|  | 8003040494          | 50-250 P            |                       | 8003030489*         | 50-302 S            |
|  | 8003060477*         | 50-389 Q            |                       | 8003040270          | 50-302 P            |
|  | 8003060565          | 50-250 P            |                       | 8003040431          | 50-302 P            |
|  | 8003060565          | 50-250 P            |                       | 8003040438*         | 50-302 P            |
|  | 8003060573          | 50-335 P            |                       | 8003040480          | 50-302 R            |
|  | 8003100251          | 50-335 R            |                       | 8003040620          | 50-302 R            |
|  | 8003100256*         | 50-335 R            |                       | 8003040625*         | 50-302 R            |
|  | 8003110054          | 50-335 S            |                       | 8003040632*         | 50-302 R            |
|  | 8003110064*         | 50-335 S            |                       | 8003040638*         | 50-302 R            |
|  | 8003110524          | 50-335 P            |                       | 8003040649          | 50-302 S            |
|  | 8003110528*         | 50-335 P            |                       | 8003040655*         | 50-302 S            |
|  | 8003110563          | 50-250 P            |                       | 8003070351          | 50-302 P            |
|  | 8003110605          | 50-250 P            |                       | 8003070352          | 50-302 S            |
|  | 8003110638          | 50-335 F            |                       | 8003070354*         | 50-302 S            |
|  | 8003170268          | 50-250 P            |                       | 8003110510          | 50-302 F            |
|  | 8003170434          | 50-335 S            |                       | 8003110515*         | 50-302 F            |
|  | 8003170438*         | 50-335 S            |                       | 8003110663          | 50-302 S            |
|  | 8003170442          | 50-335 S            |                       | 8003110666*         | 50-302 S            |
|  | 8003170448*         | 50-335 S            |                       | 8003120337          | 50-302 H            |
|  | 8003170462          | 50-335 S            |                       | 8003130370          | 50-302 S            |
|  | 8003170467*         | 50-335 S            |                       | 8003130380*         | 50-302 S            |
|  | 8003170470          | 50-250 S            |                       | 8003130489          | 50-302 S            |
|  |                     |                     |                       | 8003130493*         | 50-302 S            |

## CORPORATE SOURCE INDEX

427

| AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|---|---------------------|---------------------|
|  | 8003130551          | 50-302 P            |   | 8003180337          | TOPREP              |
|  | 8003170282          | 50-302 P            |   | 8003180464          | TOPREP              |
|  | 8003180257          | 50-302 P            |   | 8003180488          | TOPREP              |
|  | 8003180362          | 50-302 P            |   | 8003190469          | 50-70 P             |
|  | 8003190333          | 50-302 R            |   | 8003190847*         | CONTRACT            |
|  | 8003190842*         | 50-302 R            |   | 8003190921          | REQD                |
|  | 8003190658*         | 50-302 Q            |   | 8003200073          | 71-5926             |
|  | 8003190737*         | 50-302 Q            |   | 8003200166*         | 10CFR               |
|  | 8003200125*         | 50-302 Q            |   | 8003200413          | 71-9136             |
|  | 8003200382          | 50-302 P            |   | 8003210473          | TOPREP              |
|  | 8003200570*         | 50-302 Q            |   | 8003240318          | TOPREP              |
|  | 8003240300          | 50-302 Q            |   | 8003240324*         | TOPREP              |
|  | 8003240391          | 50-302 P            |   | 8003240471*         | 50-237 P            |
|  | 8003240414          | 50-302 S            |   | 8003250169          | 70-1308             |
|  | 8003240429*         | 50-302 S            |   | 8003250299*         | 70-1113             |
|  | 8003240532          | 50-302 S            |   | 8003250315*         | 70-1113             |
|  | 8003240537*         | 50-302 S            |   | 8003250566          | 70-1308             |
|  | 8003250138          | 50-302 Q            |   | 8003250603          | 70-754              |
|  | 8003260538          | 50-302 S            |   | 8003260087          | FOIA                |
|  | 8003260544*         | 50-302 S            |   | 8003260199          | 70-1113             |
|  | 8003270367          | 50-302 J            |   | 8003270372*         | 50-249 P            |
|  | 8003270390          | 50-302 J            |   | 8003270420          | TOPREP              |
|  | 8003280271          | 50-302 P            |   | 8003280217          | 71-9049             |
|  | 8003280505*         | 50-302 Q            |   | 8003310001          | 70-1308             |
|  | 8003280509*         | 50-302 Q            |   | 8003310180          | TOPREP              |
|  | 8003280512*         | 50-302 Q            |   | 8003310193*         | TOPREP              |
|  | 8003310338          | 50-302 S            |   | 8003310419          | MISC                |
| Florida, State of                          | 8003310343*         | 50-302 S            | General Electric Co , Nuclear Energy    | 8003030328          | TOPREP              |
| Forney Engineering, Inc                    | 8003100048*         | State Prog          | Products Div                            |                     |                     |
|  | 8003310097*         | QA999               |   | 8003100215*         | 50-277 P            |
|  |                     |                     |   | 8003190415          | REQD                |
| Foster Wheeler Corp                        | 8003060083          | 71-9028             |   | 8003200526          | PR                  |
| Friends of the Earth                       | 8003060243          | PR                  |   | 8003240643          | PR                  |
|  | 8003060429          | PR                  |   | 8003050501          | TOPREP              |
|  | 8003190048          | 50-312 Q            | General Electric Operating Plant Owners |                     |                     |
|  | 8003270052          | XPORTLIC            | Group                                   |                     |                     |
|  |                     |                     | General Public Utilities - GPU Service  | 8003030315          | 50-219 J            |
| Friends of the Filipino People             | 8003140412          | 50-574 Q            | Corp                                    |                     |                     |
|  | 8003140415*         | 50-574 Q            |   | 8003060600          | 50-289 P            |
| General Accounting Office                  | 8003110012          | PR                  |   |                     |                     |
| General Atomic Co (subs of Gulf Oil        | 8003100197          | TOPREP              |   | 8003100203*         | 50-320 P            |
| Co.)                                       |                     |                     |   | 8003110379          | 50-289 P            |
|  | 8003100201*         | TOPREP              |   | 8003110504          | 50-289 J            |
|  |                     |                     |   | 8003110518          | 50-289 P            |
|  | 8003120358          | 71-9072             |   | 8003110552          | 50-320 R            |
|  | 8003180613          | TOPREP              |   |                     |                     |
|  | 8003180619*         | TOPREP              |   | 8003170023          | 50-219 P            |
|  | 8003190483*         | 50-267 P            |   | 8003170028          | 50-219 P            |
|  | 8003190488*         | 50-267 P            |   | 8003240444          | 50-289 Q            |
|  |                     |                     |   | 8003250198          | 50-289 Q            |
| General Atomic Co (subs of Gulf Oil        | 8003140316          | 71-5938             |   | 8003310282*         | 50-289 P            |
| Corp )                                     |                     |                     |   |                     |                     |
| General Dynamics Corp , Electric Boat Div. | 8003250612          | 71-9028             |   | 8003310287*         | 50-289 P            |
| General Electric Co                        | 8003030214          | TOPREP              |   | 8003310290*         | 50-289 P            |
|  | 8003030220*         | TOPREP              | George B Bush & Co                      | 8003140031          | XPORTLIC            |
|  | 8003030332          | 70-1113             | Georgia Institute of Technology         | 8003270064          | MUREQ               |
|  |                     |                     | Georgia Power Co                        | 8003030551          | 50-321 R            |
|  | 8003030480          | TOPREP              |   |                     |                     |
|  | 8003040067          | 70-1308             |   | 8003030551*         | 50-321 R            |
|  | 8003040073          | 70-1308             |   | 8003030568*         | 50-321 R            |
|  | 8003040076          | 70-1308             |   | 8003030568*         | 50-321 R            |
|  | 8003040083          | 70-1308             |   | 8003040543          | 50-366 S            |
|  |                     |                     |   | 8003040552          | 50-321 S            |
|  | 8003040314*         | TOPREP              |   |                     |                     |
|  | 8003040319*         | TOPREP              |   | 8003040553*         | 50-366 S            |
|  | 8003050071          | 70-1308             |   | 8003040561          | 50-321 S            |
|  | 8003050075          | 70-1308             |   | 8003040563*         | 50-321 S            |
|  | 8003050080          | 70-1308             |   | 8003040572*         | 50-321 S            |
|  |                     |                     |   | 8003050436          | 50-424 S            |
|  | 8003050083          | 70-1308             |   |                     |                     |
|  | 8003050086          | 70-754              |   | 8003050436          | 50-424 S            |
|  | 8003050090          | 70-1308             |   | 8003050440*         | 50-424 S            |
|  | 8003050506*         | 50-237 P            |   | 8003050440*         | 50-424 S            |
|  | 8003060256          | 70-1159             |   | 8003060472          | 50-424 S            |
|  |                     |                     |   | 8003060578          | 50-321 P            |
|  | 8003060394          | 70-754              |   |                     |                     |
|  | 8003060548          | TOPREP              |   | 8003060582*         | 50-321 P            |
|  | 8003060611          | TOPREP              |   | 8003070392          | 50-366 P            |
|  | 8003070244          | TOPREP              |   | 8003070394*         | 50-366 P            |
|  | 8003100219*         | 50-277 P            |   | 8003100019          | 50-321 Q            |
|  |                     |                     |   | 8003110604          | 50-321 Q            |
|  | 8003100224*         | 50-277 P            |   |                     |                     |
|  | 8003100227*         | 50-277 P            |   | 8003110604          | 50-321 Q            |
|  | 8003110034*         | 50-333 P            |   | 8003110615          | 50-321 R            |
|  | 8003110341          | FOIA                |   | 8003110615          | 50-321 R            |
|  | 8003110611          | 50-831 A            |   | 8003110618*         | 50-321 R            |
|  |                     |                     |   | 8003110618*         | 50-321 R            |
|  | 8003120386          | XPORTLIC            |   |                     |                     |
|  | 8003140144          | REQD                |   | 8003110669          | 50-321 S            |
|  | 8003140233          | 50-70 P             |   | 8003110673*         | 50-321 S            |
|  | 8003170097          | PR                  |   | 8003140308          | 50-321 S            |
|  | 8003170103          | PR                  |   | 8003140311*         | 50-321 S            |
|  |                     |                     |   | 8003170047          | 50-321 Q            |
|  | 8003170291          | TOPREP              |   |                     |                     |
|  | 8003170349          | TOPREP              |   | 8003170047          | 50-321 Q            |
|  | 8003170356          | TOPREP              |   | 8003170054          | 50-321 Q            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|---|---------------------|---------------------|
|  | 8003170054          | 50-321 Q            |   | 8003190715*         | FOIA                |
|  | 8003170186          | 50-321 F            |   | 8003190720*         | FOIA                |
|  | 8003170186          | 50-321 F            |   | 8003190730*         | FOIA                |
|  | 8003170417          | 50-321 F            |   | 8003190742*         | FOIA                |
|  | 8003170417          | 50-321 F            |   | 8003190747*         | FOIA                |
|  | 8003180356          | 50-321 R            |   | 8003190753*         | FOIA                |
|  | 8003180356          | 50-321 R            |   | 8003190761*         | FOIA                |
|  | 8003180630          | 50-321 P            |   | 8003190779*         | FOIA                |
|  | 8003180630          | 50-321 P            |   | 8003190786*         | FOIA                |
|  | 8003210062          | 50-424 Q            |   | 8003190791*         | FOIA                |
|  | 8003210068          | 50-321 Q            |   | 8003190801*         | FOIA                |
|  | 8003210362          | 50-321 S            |   | 8003190807*         | FOIA                |
|  | 8003210391          | 50-366 S            |   | 8003190813*         | FOIA                |
|  | 8003210395*         | 50-366 S            |   | 8003190819*         | FOIA                |
|  | 8003210400          | 50-366 S            |   | 8003190823*         | FOIA                |
|  | 8003210406          | 50-321 S            |   | 8003190832*         | FOIA                |
|  | 8003210412          | 50-321 S            |   | 8003190836*         | FOIA                |
|  | 8003210416*         | 50-321 S            |   | 8003190845*         | FOIA                |
|  | 8003210433          | 50-366 S            |   | 8003190849*         | FOIA                |
|  | 8003210438*         | 50-366 S            |   | 8003190874*         | FOIA                |
|  | 8003210451          | 50-321 S            |   | 8003190881*         | FOIA                |
|  | 8003210455*         | 50-321 S            |   | 8003190887*         | FOIA                |
|  | 8003240310          | 50-321 Q            |   | 8003190895*         | FOIA                |
|  | 8003240439          | 50-424 S            | House of Rep                              | 7906290617*         | MISC                |
|  | 8003250395          | 50-366 S            |   | 8003060209*         | 50-387 U            |
|  | 8003250399*         | 50-366 S            |   | 8003060497*         | 50-275 U            |
|  | 8003260580          | 50-321 S            |   | 8003060505*         | MISC                |
|  | 8003260555*         | 50-321 S            |   | 8003200051*         | 70-143              |
|  | 8003310018*         | 50-424 Q            |   | 8003250177          | PRH                 |
|  | 8003310081*         | 50-321 Q            |   | 8003250473          | 50-10 U             |
|  | 8003310364          | 50-424 Q            |   | 8003260107*         | FOIA                |
| Germany, Federal Republic of               | 8003250425          | NUREG               | House of Rep : Appropriations             | 8003060459*         | 50-352 U            |
| Oibbs & Hill, Inc (subs of Dravo Corp)     | 8003190501*         | 50-320 H            | House of Rep : Foreign Affairs            | 8003200070*         | 50-367 U            |
| Gilbert/Commonwealth Cos                   | 7912050382*         | 50-458 A            | House of Rep : Government Operations      | 8003060404*         | 50-546 U            |
|  | 8003240397          | TOPREP              | House of Rep : Interst & Foreign Commerce | 8003060015          | PR                  |
|  | 8003240399*         | TOPREP              |   |                     |                     |
| Gould-Brown Boveri                         | 8003040707          | 50-413 S            | Houston Lighting & Power Co               | 8003030137          | 50-445 M            |
| Graham, R L                                | 8003190611          | 50-367 Q            |   | 8003030404          | 50-498 F            |
| Gulf Nuclear, Inc                          | 8003030002          | PR                  |   | 8003030404          | 50-498 F            |
|  | 8003140136          | REGGD               |   | 8003040228*         | 50-498 Q            |
| Gulf Oil Corp, Gulf Mineral Resources Co   | 8003190973          | REGGD               |   | 8003040271          | 50-445 M            |
|  | 8003210017          | WASTE HQT           |   | 8003040271          | 50-445 M            |
|  | 8003210021*         | WASTE HQT           |   | 8003050210          | 50-498 Q            |
| Gulf States Utilities Co                   | 8003260483          | REGGD               |   | 8003060211          | 50-498 S            |
|  | 8003130503          | 50-510 A            |   | 8003060211          | 50-498 S            |
|  | 8003170422          | 50-458 A            |   | 8003060221*         | 50-498 S            |
| HEW, Dept of, US Public Health Service     | 8003170107          | PR                  |   | 8003060221*         | 50-498 S            |
| Hamford Engineering Development Laboratory | 8003200257          | PRDJ                |   | 8003060238          | 50-445 M            |
| Harsco Corp, Quaker Alloy Casting Co Div   | 8003190505*         | 50-320 H            |   | 8003060660          | 50-498 Q            |
| Heidelberg, Univ of                        | 8003060575*         | COMMISSION          |   | 8003060660          | 50-498 Q            |
| Helmut Thielisch                           | 8003130214*         | 50-269 Q            |   | 8003100001          | 50-471 A            |
| Hill Christopher & Phillips                | 8003280028          | 50-275 Q            |   | 8003100001          | 50-471 A            |
| Hirschkop & Grad P C                       | 8003200313          | FOIA                |   | 8003130231*         | 50-344 Q            |
| Hittman Corp                               | 8003250112          | 71-24               |   | 8003130548          | 50-498 A            |
|  | 8003280115*         | 71-24               |   | 8003130688*         | 50-498 Q            |
|  | 8003250119*         | 71-24               |   | 8003130688*         | 50-498 Q            |
| Homestake Mining Co                        | 8003140115          | WASTE HQT           |   | 8003130692*         | 50-498 Q            |
|  | 8003140450*         | WASTE HQT           |   | 8003140267          | 50-498 S            |
|  | 8003180225          | 40-B434             |   | 8003140267          | 50-498 S            |
| Honeywell, Inc                             | 8003190350*         | FOIA                |   | 8003140273*         | 50-498 S            |
|  | 8003190359*         | FOIA                |   | 8003140273*         | 50-498 S            |
|  | 8003190371*         | FOIA                |   | 8003190053          | 50-498 S            |
|  | 8003190379*         | FOIA                |   | 8003190053          | 50-498 S            |
|  | 8003190389*         | FOIA                |   | 8003190063*         | 50-498 S            |
|  | 8003190406*         | FOIA                |   | 8003190063*         | 50-498 S            |
|  | 8003190414*         | FOIA                |   | 8003200256          | 50-445 M            |
|  | 8003190450*         | FOIA                |   | 8003240447          | REGGD               |
|  | 8003190471*         | FOIA                |   | 8003250328          | 50-445 M            |
|  | 8003190477*         | FOIA                |   | 8003250328          | 50-445 M            |
|  | 8003190486*         | FOIA                |   | 8003250328          | 50-445 M            |
|  | 8003190506*         | FOIA                |   | 8003250328          | 50-445 M            |
|  | 8003190511*         | FOIA                |   | 8003250333*         | 50-445 M            |
|  | 8003190524*         | FOIA                |   | 8003250333*         | 50-445 M            |
|  | 8003190543*         | FOIA                |   | 8003250333*         | 50-445 M            |
|  | 8003190577*         | FOIA                |   | 8003250333*         | 50-445 M            |
|  | 8003190590*         | FOIA                |   | 8003250339*         | 50-445 M            |
|  | 8003190680*         | FOIA                |   | 8003250339*         | 50-445 M            |
|  | 8003190684*         | FOIA                |   | 8003250339*         | 50-445 M            |
|  | 8003190695*         | FOIA                |   | 8003250346*         | 50-445 M            |
|  | 8003190701*         | FOIA                |   | 8003250346*         | 50-445 M            |
|  | 8003190704*         | FOIA                |   | 8003250346*         | 50-445 M            |
|  | 8003190708*         | FOIA                |   | 8003270218*         | 50-498 Q            |

## CORPORATE SOURCE INDEX

429

| AUTHOR<br>AFFILIATION                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003280479          | 50-498 S            | Interior, Dept of, Fish & Wildlife Service | 8003060025          | 40-8721             |
|   | 8003280644          | 50-498 Q            |  | 8003060590          | 50-275 A            |
|   | 8003310036*         | 50-445 M            |  | 8003110588          | 50-397 A            |
|   | 8003310036*         | 50-445 M            |  | 8003190012          | 40-8745             |
|   | 8003310036*         | 50-445 M            |  | 8003190239*         | MISC                |
|   | 8003310042*         | 50-445 M            |  | 8003250479          | 40-4492             |
| Hudson Light & Power Dept                 | 8003130695*         | 50-498 Q            | Interior, Dept of, Geological Survey       | 8003070078          | 50-574 A            |
| Hunton & Williams                         | 8003060420          | 50-322 Q            |  | 8003110035          | PR                  |
|   | 8003060437*         | 50-322 Q            |  | 8003110048          | PR                  |
|   | 8003260557          | 50-338 Q            |  | 8003180144          | PR                  |
| Ichthyological Associates, Inc            | 8003110554*         | 50-320 R            |  | 8003240393          | 50-367 R            |
| Illinois Power Co                         | 8003110516          | 50-461 Q            |  | 8003240446          | 50-367 A            |
|   | 8003180524          | 50-461 A            |  | 8003240536          | 70-1358             |
|   | 8003180583          | 50-461 A            |  | 8003250133          | 40-4492             |
|   | 8003200455          | 50-461 A            | Interior, Dept of, National Park Service   | 8003060576          | 50-367 A            |
|   | 8003250482          | 50-461 S            |  | 8003170083          | 40-4492             |
| Illinois, State of                        | 8003170466*         | 50-367 Q            | International Verbatim Reporters, Inc      | 8003270114          | 50-312 T            |
|   | 8003180258          | PR                  |  | 8003310003          | 50-312 T            |
|   | 8003180444          | 50-373 A            | Intervenor's Cleston                       | 8003190060          | 50-471 Q            |
|   | 8003180444          | 50-373 A            | Iowa Electric Light & Power Co             | 8003030473          | 50-331 S            |
|   | 8003180530          | 50-373 A            |  | 8003030474*         | 50-331 S            |
|   | 8003180530          | 50-373 A            |  | 8003040468          | 50-331 R            |
|   | 8003190009          | 40-2061             |  | 8003040472*         | 50-331 R            |
|   | 8003240316          | 50-404 A            |  | 8003040483          | 50-331 R            |
|   | 8003240340          | PR                  |  | 8003040488*         | 50-331 R            |
|   | 8003280345          | 50-367 Q            |  | 8003040527          | 50-331 S            |
|   | 8003310043          | 50-295 Q            |  | 8003040537*         | 50-331 S            |
|   | 8003310043          | 50-295 Q            |  | 8003050465          | 50-331 S            |
|   | 8003310045*         | 50-295 Q            |  | 8003050469*         | 50-331 S            |
|   | 8003310045*         | 50-295 Q            |  | 8003060322*         | 50-331 Q            |
| Illinois, Univ of, Urbana-Champaign       | 8003080462          | 50-315 R            |  | 8003060357*         | 50-331 Q            |
| Indiana & Michigan Electric Co            | 8003080466*         | 50-315 R            |  | 8003070233          | 50-331 P            |
|   | 8003080397          | 50-316 S            |  | 8003070239*         | 50-331 P            |
|   | 8003080399*         | 50-316 S            |  | 8003070315          | 50-331 R            |
|   | 8003040513          | 50-316 S            |  | 8003070318*         | 50-331 R            |
|   | 8003040523*         | 50-316 S            |  | 8003120472          | 50-331 P            |
|   | 8003040534*         | 50-316 S            |  | 8003120527          | 50-331 S            |
|   | 8003040543*         | 50-316 S            |  | 8003120531*         | 50-331 S            |
|   | 8003040570          | 50-316 S            |  | 8003130661          | 50-331 S            |
|   | 8003040582*         | 50-316 S            |  | 8003170491          | 50-331 S            |
|   | 8003050209          | 50-316 S            |  | 8003170495*         | 50-331 S            |
|   | 8003050487          | 50-316 S            |  | 8003180369          | 50-331 R            |
|   | 8003050488          | 50-315 S            |  | 8003180373*         | 50-331 R            |
|   | 8003050488          | 50-315 S            |  | 8003180507          | 50-331 F            |
|   | 8003050505          | 50-315 F            |  | 8003180517          | 50-331 S            |
|   | 8003050505          | 50-315 F            |  | 8003180522*         | 50-331 S            |
|   | 8003060267*         | 50-315 Q            |  | 8003180625          | 50-331 S            |
|   | 8003060597          | 50-316 S            |  | 8003190527          | 50-331 P            |
|   | 8003060602*         | 50-316 S            |  | 8003200245          | 50-331 S            |
|   | 8003070366          | 50-315 F            |  | 8003200371          | 50-331 Q            |
|   | 8003070366          | 50-315 F            |  | 8003200389          | 50-331 S            |
|   | 8003110674          | 50-316 S            |  | 8003200391*         | 50-331 S            |
|   | 8003110677*         | 50-316 S            |  | 8003200394          | 50-331 S            |
|   | 8003120545          | 50-315 P            |  | 8003200396*         | 50-331 S            |
|   | 8003120545          | 50-315 P            |  | 8003240449          | 50-331 P            |
|   | 8003130422          | 50-315 R            |  | 8003240454*         | 50-331 P            |
|   | 8003130422          | 50-315 R            |  | 8003240457*         | 50-331 P            |
|   | 8003130424*         | 50-315 R            |  | 8003240488          | 50-331 S            |
|   | 8003130424*         | 50-315 R            |  | 8003240493*         | 50-331 S            |
|   | 8003130426          | 50-315 Q            |  | 8003250530          | 50-331 S            |
|   | 8003180473          | 50-315 P            |  | 8003250556          | 50-331 S            |
|   | 8003180473          | 50-315 P            |  | 8003260247          | 50-331 Q            |
|   | 8003180525          | 50-315 P            |  | 8003260488          | 50-331 S            |
|   | 8003180526          | 50-315 S            |  | 8003270378          | 50-331 S            |
|   | 8003180534*         | 50-315 S            |  | 8003280451          | 50-331 P            |
|   | 8003200483          | 50-316 S            |  | 8003310248          | 71-9079             |
|   | 8003210355          | 50-316 S            |  | 8003310291          | 50-331 S            |
|   | 8003240034          | 50-315 P            |  | 8003310294*         | 50-331 S            |
|   | 8003240634          | PR                  | Iowa Public Interest Research Group        | 8002140292          | PR                  |
|   | 8003250517          | 50-316 P            | Isham, Lincoln & Beale                     | 8002250057          | 50-556 Q            |
|   | 8003310341          | 50-315 S            |  | 8003030161          | 50-155 Q            |
| Indiana, State of                         | 8003060469          | PR                  |  | 8003040278          | 50-443 M            |
| Institute of Electrical & Electronic      | 8003190384          | REQD                |  | 8003060433          | 50-295 P            |
| Engineers                                 |                     |                     |  | 8003060656          | 50-443 M            |
| Interagency Review Group on Nuclear Waste | 8003060331          | PR                  |  | 8003130201          | 50-329 Q            |
| Management                                | 8003180154          | PR                  |  | 8003180272          | 50-556 Q            |
|   | 8003180174          | PR                  |  | 8003190622          | 50-498 M            |
| Interfaith Center on Corporate Responsib  | 8003270046          | 50-574 Q            |  | 8003200227          | 50-155 Q            |
| ility                                     |                     |                     |  | 8003240491          | 50-556 Q            |
| Interior, Dept of                         | 8003180151          | 40-4492             |  | 8003240567          | 50-445 M            |
| Interior, Dept of, Bureau of Land         | 7911060017*         | COMMISSION          |  | 8003260224          | 50-255 Q            |
| Management                                |                     |                     |  | 8003260235*         | 50-255 Q            |
|   | 8003240609          | 40-4492             |  | 8003270263          | 50-155 Q            |
|   |                     |                     |  | 8003310123          | 50-155 Q            |
| Interior, Dept of, Bureau of Mines        | 8003240160          | 40-4492             |  | 8003310126*         | 50-155 Q            |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                               | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
| Ishikawajima - Harima Heavy Industries<br>Co., Ltd. | B003100221*         | GA999               |  | B003060140          | 50-482 K            |
| J. L. Shepherd & Associates, Inc.                   | B003130192          | 71-5984             |  | B003060145          | 50-482 K            |
| J. R. Birmingham Co.                                | B003130198*         | 71-5984             |  | B003060152          | 50-482 K            |
| JHK International Corp.                             | B003170305*         | CONTRACT            |  | B003060159          | 50-482 K            |
|   | B003140069          | FOIA                |  | B003060166          | 50-482 A            |
| Jack R. Benjamin & Associates, Inc.                 | B003140239*         | 50-70 P             |  | B003060174          | 50-482 C            |
| Japan   | B003170090          | XPORTLIC            |  | B003060183*         | 50-482 C            |
|   | B003250025          | XPORTLIC            |  | B003060192          | 50-482 K            |
|   | B003310186          | XPORTLIC            |  | B003170039          | 50-482 A            |
| Jersey Central Power & Light Co.                    | B003040587          | 50-219 S            |  | B003170412          | 50-482 A            |
|   | B003040599*         | 50-219 S            |  | B003190116          | 50-482 A            |
|   | B003050410          | 50-219 Q            |  | B003190125          | 50-482 A            |
|   | B003050497          | 50-219 R            |  | B003190139          | 50-482 A            |
|   | B003060605          | 50-219 S            | Kansas, Univ. of   | B003120366          | 50-148 P            |
|   | B003060608*         | 50-219 S            |  | B003120376*         | 50-148 P            |
|   | B003070376          | 50-219 S            |  | B003120383*         | 50-148 P            |
|   | B003070378*         | 50-219 S            |  | B003120391*         | 50-148 P            |
|   | B003110003          | 50-219 R            | Karn-Bransie-Bakerhet                                    | B003120408*         | 50-148 P            |
|   | B003110005*         | 50-219 R            | Kentucky, State of                                       | B003180260          | PR                  |
|   | B003110016          | 50-219 R            |  | B003060478          | PR                  |
|   | B003110020*         | 50-219 R            |  | B003250354          | 50-358 O            |
|   | B003110061          | 50-219 S            |  | B003280033          | 50-538 O            |
|   | B003110068*         | 50-219 S            | Kernforschungszentrum Karlsruhe                          | B003050208          | NUREQ               |
|   | B003110539          | 50-219 P            | Kerr-McGee Chemical Corp. (subs. of<br>Kerr-McGee Corp.) | B003190091          | 40-2061             |
|   | B003110845*         | 50-219 P            |  | B003250090          | 40-2061             |
|   | B003110548*         | 50-219 P            | Kerr-McGee Nuclear Corp.                                 | B003140001          | 70-1193             |
|   | B003120301          | 50-219 P            |  | B003140002*         | 70-1193             |
|   | B003140046          | 50-363 Q            |  | B003140077          | 40-8727             |
|   | B003140068          | 50-219 Q            |  | B003190021          | 40-8027             |
|   | B003170023          | 50-219 P            |  | B003190029*         | 40-8027             |
|   | B003170028          | 50-219 P            |  | B003310271          | 70-925              |
|   | B003170058          | 50-219 S            |  | B003310271*         | 70-925              |
|   | B003170324          | 50-219 S            |  | B003310274*         | 70-925              |
|   | B003170328*         | 50-219 S            |  | B003310274*         | 70-925              |
|   | B003170330          | 50-219 S            | Kriemimeyer, H.  | B003110550          | 50-289 D            |
|   | B003170335*         | 50-219 S            | Kudzu Alliance   | B003190291*         | 50-400 O            |
|   | B003190540          | 50-219 S            | Lancaster, PA  | B003140106*         | 50-320 P            |
|   | B003190545          | 50-219 S            | Lawrence Berkeley Laboratory                             | B003110047          | PR                  |
|   | B003190577*         | 50-219 S            |  | B003180226          | PR                  |
|   | B003190586*         | 50-219 S            |  | B003180241          | PR                  |
|   | B003200386          | 50-219 P            |  | B003180281          | PR                  |
|   | B003210008          | 50-219 Q            | Lawrence Livermore Laboratory                            | B003180237          | PR                  |
|   | B003210036*         | 50-219 Q            |  | B003200346          | NUREQ               |
|   | B003210342          | 50-219 R            |  | B003250278          | NUREQ               |
|   | B003210344*         | 50-219 R            |  | B003250459          | NUREQ               |
|   | B003210544          | 50-219 S            |  | B003280652          | NUREQ               |
|   | B003210552*         | 50-219 S            | LeBoeuf, Lamb, Leiby & MacRae                            | B003060223          | 50-485 O            |
|   | B003260604          | 50-219 S            |  | B003130553          | 50-244 P            |
|   | B003260611*         | 50-219 S            |  | B003190318          | PR                  |
|   | B003260542          | 50-219 Q            |  | B003190565          | 50-220 P            |
|   | B003280621*         | 50-219 Q            | League of Women Voters of San Luis<br>Obispo, CA         | B003250252          | PR                  |
| John F. Holman & Co., Inc.                          | B003040264*         | CONTRACT            | Ledoux & Co., Inc.                                       | B003060443*         | 40-8188             |
| Johnson, J. E.                                      | B003190461*         | FOIA                | Lead, R. H.  | B003060219          | 50-522 O            |
| Justice, Dept. of                                   | B003030146          | 50-445 M            | Legal Aid Society of Clermont County, OH                 | B003040346          | FOIA                |
|   | B003040206*         | CONTRACT            |  | B003200320          | PR                  |
|   | B003040685          | 50-387 M            |  | B003040050          | 50-322 O            |
|   | B003060402          | 50-445 M            | Long Island Lighting Co.                                 | B003050137          | 50-322 O            |
|   | B003060402          | 50-445 M            |  | B003050246          | 50-322 A            |
|   | B003060402          | 50-445 M            |  | B003060420          | 50-322 O            |
|   | B003060402          | 50-445 M            |  | B003060437*         | 50-322 O            |
|   | B003060406*         | 50-445 M            |  | B003120742          | 50-316 Q            |
|   | B003060406*         | 50-445 M            |  | B003200497          | 50-322 S            |
|   | B003060406*         | 50-445 M            | Los Alamos Scientific Laboratory                         | B003100199          | NUREQ               |
|   | B003250521          | 50-443 M            |  | B003100204          | NUREQ               |
|   | B003260447          | MI8C                |  | B003110043          | PR                  |
|   | B003310032          | 50-445 M            |  | B003240092          | REB                 |
|   | B003310064          | 50-445 M            |  | B003240650          | REB                 |
| Justice, Dept. of, Attorney General's<br>Office     | B003060520*         | 50-361 M            |  | B003240652          | REB                 |
|   | B003260626          | 50-471 M            | Louisiana Power & Light Co.                              | B003060240          | 50-382 O            |
|   | B003040086          | PR                  |  | B003180397          | 50-382 S            |
| KMC, Inc.   | B003060669          | PRM                 |  | B003180548          | 50-382 B            |
| Kaiser Engineers                                    | B003270116          | 40-4492             |  | B003190624          | 50-382 S            |
| Kansas Gas & Electric Co.                           | B003060066          | 50-482 K            | Louisiana State Univ.                                    | B003280649          | 50-382 O            |
|   | B003060070*         | 50-482 K            | Lowenstein, Neuman, Reis, Axelrad & Toll                 | B003280558          | 50-458 A            |
|   | B003060075          | 50-482 K            |  | B003040288          | 50-367 O            |
|   | B003060080          | 50-482 K            |  | B003040698          | 50-522 O            |
|   | B003060088          | 50-482 K            |  | B003050001          | 50-367 O            |
|   | B003060101          | 50-482 K            |  | B003060660          | 50-498 O            |
|   | B003060108          | 50-482 K            |  | B003120690          | PR                  |
|   | B003060119          | 50-482 K            |  | B003130216          | 50-344 O            |
|   | B003060124          | 50-482 K            |  | B003130218*         | 50-344 O            |
|   | B003060132          | 50-482 K            |  | B003130231*         | 50-344 O            |
|   |                     |                     |  | B003130247*         | 50-344 O            |

## CORPORATE SOURCE INDEX

431

| AUTHOR<br>AFFILIATION   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|---|---------------------|---------------------|
|   | 8003130279*         | 50-344 Q            |   | 8003250436          | 50-302 J            |
|   | 8003130297*         | 50-344 Q            | Marubeni America Corp (subs of Marubeni Corp) | 8003050181          | XPORTLIC            |
|   | 8003190380          | PR                  | Maryland, State of                            | 8003110667          | 50-320 P            |
|   | 8003190392*         | PR                  | Maryland, Univ of                             | 8003200016*         | COMMISSION          |
|   | 8003200034          | 50-445 M            |   | 8003130103*         | 50-344 P            |
|   | 8003200034          | 50-445 M            |   | 8003130111*         | 50-344 P            |
|   | 8003200123*         | 10CFR               | Massachusetts Institute of Technology         | 8003180341          | 50-20 P             |
|   | 8003200128*         | 10CFR               |   | 8003180577          | 50-20 P             |
|   | 8003200256          | 50-445 M            |   | 8003190101          | NUREG               |
|   | 8003200256          | 50-445 M            |   | 8003200350          | NUREG               |
|   | 8003200256          | 50-445 M            |   | 8003050425          | 50-471 Q            |
|   | 8003200263          | PR                  | Massachusetts, State of                       | 8003050629*         | 50-289 Q            |
|   | 8003200297*         | 50-445 M            |   | 8003200183*         | 10CFR               |
|   | 8003200310*         | 50-445 M            | Matthews, Nowlin, Macfarlane & Barrett        | 8003050179          | 50-498 M            |
|   | 8003200310*         | 50-445 M            | Mayer, Brown & Platt                          | 8003250566          | 70-1308             |
|   | 8003200310*         | 50-445 M            |   |                     |                     |
|   | 8003240088          | 50-367 Q            | McCutchen, Doyle, Brown & Emerson             | 8003190910          | FRDJ                |
|   | 8003250022          | PR                  |   | 8003250295          | FRDJ                |
|   | 8003250203          | 50-445 M            |   | 8003250311          | FRDJ                |
|   | 8003250269          | PR                  | McGrath, E J                                  | 8003190079          | WASTE HOT           |
|   |                     |                     |   | 8003200014          | WASTE HOT           |
|   | 8003250328          | 50-445 M            |   | 8003310430          | WASTE HOT           |
|   | 8003250328          | 50-445 M            |   | 8003310442          | WASTE HOT           |
|   | 8003250328          | 50-445 M            |   | 8003180561          | 50-285 Q            |
|   | 8003250333*         | 50-445 M            | Metropolitan Area Planning Agency             |                     |                     |
|   | 8003250333*         | 50-445 M            | Omaha, NE                                     | 8003180568*         | 50-285 Q            |
|   | 8003250333*         | 50-445 M            |   | 8003180578          | 50-285 P            |
|   | 8003250339*         | 50-445 M            |   |                     |                     |
|   | 8003250339*         | 50-445 M            | Metropolitan Edison Co                        | 8003030621*         | 50-320 Q            |
|   | 8003250339*         | 50-445 M            |   | 8003040002          | 50-289 P            |
|   | 8003250339*         | 50-445 M            |   | 8003040007*         | 50-289 P            |
|   | 8003250346*         | 50-445 M            |   | 8003040013*         | 50-320 P            |
|   | 8003250346*         | 50-445 M            |   | 8003040037          | 50-320 T            |
|   | 8003250346*         | 50-445 M            |   | 8003040037          | 50-320 T            |
|   | 8003260454          | 50-445 M            |   | 8003040261          | 50-320 T            |
| Lower Alloways Creek, NJ<br>Madison Gas & Electric Co           | 8003310363          | 50-311 Q            |   | 8003040272          | 50-320 T            |
|   | 8003030197*         | 50-305 R            |   | 8003040300          | 50-289 Q            |
|   |                     |                     |   | 8003050052          | 50-289 Q            |
| Maine Yankee Atomic Power Co                                    | 8003050496*         | 50-305 R            |   | 8003050076          | 50-289 Q            |
|   | 8003040193          | 50-309 P            |   | 8003050082          | 50-289 Q            |
|   | 8003040197*         | 50-309 P            |   | 8003050149          | 50-289 Q            |
|   | 8003040432          | 50-309 P            |   | 8003050160          | 50-289 Q            |
|   | 8003040606          | 50-309 P            |   | 8003050375          | 50-289 P            |
|   | 8003050365          | 50-309 P            |   |                     |                     |
|   | 8003070334          | 50-309 S            |   | 8003050392          | 50-289 H            |
|   | 8003070337*         | 50-309 S            |   | 8003050311          | 50-320 P            |
|   | 8003110001          | 50-309 P            |   | 8003050311          | 50-320 P            |
|   | 8003110448          | 50-309 P            |   | 8003060255*         | 50-289 Q            |
|   |                     |                     |   | 8003060492          | 50-289 Q            |
|   | 8003120443          | 50-309 P            |   |                     |                     |
|   | 8003120446*         | 50-309 P            |   | 8003060523          | 50-320 R            |
|   | 8003120670          | 71-5026             |   | 8003060523*         | 50-320 R            |
|   | 8003120721          | 50-309 S            |   | 8003060524*         | 50-320 R            |
|   | 8003130254*         | 50-309 P            |   | 8003070363          | 50-289 P            |
|   |                     |                     |   | 8003100054*         | 50-320 Q            |
|   | 8003170184          | 50-309 P            |   |                     |                     |
|   | 8003170419          | 50-309 R            |   | 8003100057          | 50-320 P            |
|   | 8003170428*         | 50-309 R            |   | 8003110534          | 50-289 P            |
|   | 8003170485          | 50-309 R            |   | 8003110553          | 50-320 S            |
|   | 8003170489*         | 50-309 R            |   | 8003110556*         | 50-320 S            |
|   |                     |                     |   | 8003110572          | 50-320 S            |
|   | 8003180628          | 50-309 S            |   |                     |                     |
|   | 8003200302          | 50-309 P            |   | 8003110575*         | 50-320 S            |
|   | 8003200638          | 50-309 P            |   | 8003110625          | 50-320 P            |
|   | 8003240119          | 50-309 P            |   | 8003110675          | 50-320 S            |
|   | 8003240122*         | 50-309 P            |   | 8003110679*         | 50-320 S            |
|   |                     |                     |   | 8003120465          | 50-289 S            |
|   | 8003240614          | 50-309 S            |   |                     |                     |
|   | 8003280401          | 50-309 P            |   | 8003120487*         | 50-289 S            |
|   | 8003280407*         | 50-309 P            |   | 8003120561          | 50-320 S            |
|   | 8003280504          | 50-309 S            |   | 8003120561          | 50-320 S            |
|   | 8003280507*         | 50-309 S            |   | 8003120565*         | 50-320 S            |
|   |                     |                     |   | 8003120565*         | 50-320 S            |
|   | 8003310302          | 50-309 S            |   |                     |                     |
|   | 8003310306*         | 50-309 S            |   | 8003120585          | 50-320 P            |
|   | 8003030317          | 50-327 J            |   | 8003120585          | 50-320 P            |
|   |                     |                     |   | 8003120758          | 50-320 P            |
| Marsh & McLennan, Inc., M & M Nuclear<br>Consultants, Inc. Div. | 8003030320          | 50-302 J            |   | 8003130078          | 50-320 P            |
|   | 8003040613          | 50-250 J            |   | 8003130091          | 50-320 P            |
|   |                     |                     |   |                     |                     |
|   | 8003110485          | 50-272 J            |   | 8003130124          | 50-320 F            |
|   | 8003110498          | 50-272 J            |   | 8003130152          | 50-289 S            |
|   | 8003110498          | 50-272 J            |   | 8003130318          | 50-320 P            |
|   | 8003110659          | 50-272 J            |   | 8003130318          | 50-320 P            |
|   | 8003110659          | 50-272 J            |   | 8003140018          | 50-289 Q            |
|   |                     |                     |   |                     |                     |
|   | 8003130478          | 50-18 J             |   | 8003170283          | 50-320 P            |
|   | 8003180360          | 50-346 J            |   | 8003170433          | 50-320 P            |
|   | 8003180626          | 50-272 J            |   | 8003170487          | 50-289 S            |
|   | 8003250430          | 50-250 J            |   | 8003170493*         | 50-289 S            |
|   | 8003250431          | 50-348 J            |   | 8003180141          | 50-320 S            |
|   |                     |                     |   |                     |                     |
|   | 8003250431          | 50-348 J            |   | 8003180145          | 50-320 S            |
|   | 8003250434          | 50-348 J            |   | 8003180302          | 50-289 P            |
|   | 8003250435          | 50-321 J            |   | 8003180480          | 50-289 P            |
|   | 8003250435          | 50-321 J            |   |                     |                     |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                              | 8003180545          | 50-320 S            |  | 8003240396          | 50-416 S            |
|                              | 8003180554*         | 50-320 S            |  | 8003250562          | 50-416 Q            |
|                              | 8003180570          | 50-320 P            |  | 8003260271          | 50-416 Q            |
|                              | 8003210385          | 50-289 P            |  | 8003310314          | 50-416 K            |
|                              | 8003240312          | 50-289 R            |  | 8003310319*         | 50-416 K            |
|                              | 8003240314*         | 50-289 R            |  | 8003310367*         | 50-416 K            |
|                              | 8003240394          | 50-320 S            | Missouri, State of                         | 8003040310          | 70-36               |
|                              | 8003250198          | 50-289 Q            | Missouri, Univ of, Columbia                | 8003170106          | PR                  |
|                              | 8003250366          | 50-289 Q            |  | 8003180096          | 50-186 P            |
|                              | 8003250488          | 50-320 S            | Missouri, Univ of, Rolla                   | 8003060638*         | 50-123 Q            |
|                              | 8003250494*         | 50-320 S            |  | 8003060643*         | 50-123 Q            |
|                              | 8003250497          | 50-320 P            |  | 8003210583          | 50-123 Q            |
|                              | 8003250538          | 50-289 S            | Mitre Corp                                 | 8003180214          | PR                  |
|                              | 8003250543*         | 50-289 S            | Mitsubishi International Corp (subs of     | 8003280198          | XPORTLIC            |
|                              | 8003250546          | 50-320 S            | Mitsubishi Corp )                          | 8003280216          | XPORTLIC            |
|                              | 8003250560*         | 50-320 S            |  |                     |                     |
|                              | 8003250563          | 50-289 P            | Mitsuline Travel Service of America,       | 8003060253          | 70-2539             |
|                              | 8003250564          | 50-320 S            | Inc  |                     |                     |
|                              | 8003250568*         | 50-320 S            | Monsanto Research Corp                     | 8003240067          | 71-5908             |
|                              | 8003260491          | 50-320 P            | Morgan, Finnegan, Pine, Foley & Lee        | 7910260222*         | MISC                |
|                              |                     |                     |  | 7910260224*         | MISC                |
|                              |                     |                     |  | 8003060749          | 50-574 Q            |
|                              | 8003270135          | 50-289 Q            | Movement for a Free Philippines            |                     |                     |
|                              | 8003270144          | 50-320 F            |  | 8003270425*         | TQPREP              |
|                              | 8003270151          | 50-320 P            | N M Newmark Consulting Engineering         |                     |                     |
|                              | 8003270151          | 50-320 P            | Services                                   |                     |                     |
|                              | 8003270155          | 50-320 P            |  | 8003310250          | 50-237 P            |
|                              |                     |                     | NL Industries, NL Nuclear Div              | 8003310044          | 71-244              |
|                              | 8003270162          | 50-320 P            |  | 8003310046*         | 71-244              |
|                              | 8003270162          | 50-320 P            | NUSAC, Inc.                                | 8003140399          | FOIA                |
|                              | 8003270166*         | 50-320 P            |  |                     |                     |
|                              | 8003270168*         | 50-320 P            | National Aeronautics & Space Admin         | 8003050377          | 50-185 R            |
|                              | 8003280344          | 50-289 P            |  | 8003050381*         | 50-185 R            |
|                              |                     |                     |  | 8003240412          | 50-185 P            |
|                              | 8003310252          | 50-289 P            |  | 8003240416*         | 50-185 P            |
|                              | 8003310275          | 50-289 P            |  | 8003240419*         | 50-185 P            |
|                              | 8003310277*         | 50-289 P            |  |                     |                     |
|                              | 8003310279          | 50-320 S            |  | 8003250441          | 50-30 P             |
|                              | 8003310284*         | 50-320 S            |  | 8003250443*         | 50-30 P             |
|                              |                     |                     |  | 8003250444*         | 50-30 P             |
|                              | 8003310321          | 50-320 J            |  | 8003250446*         | 50-30 P             |
|                              | 8003310346          | 50-320 P            |  | 8003250448*         | 50-30 P             |
|                              | 8003310346          | 50-320 P            |  |                     |                     |
| Michigan Chemical Corp       | 8003130311*         | 40-6264             | National Rural Electric Cooperative        | 8003310254          | PR                  |
|                              | 8003130319*         | 40-6264             | Association                                |                     |                     |
|                              |                     |                     | National Wildlife Federation               | 8003130145          | 40-4492             |
|                              | 8003130331*         | 40-6264             | Natural Resources Defense Council          | 8003050310          | 70-143              |
|                              | 8003130349*         | 40-6264             |  | 8003050315          | 70-143              |
|                              | 8003130362*         | 40-6264             |  | 8003060353          | FOIA                |
|                              | 8003130371*         | 40-6264             |  |                     |                     |
|                              | 8003130385*         | 40-6264             |  | 8003100196          | 50-574 Q            |
|                              |                     |                     |  | 8003120156*         | 70-143              |
|                              | 8003130448*         | 40-6264             |  | 8003120163*         | 70-143              |
|                              | 8003130451*         | 40-6264             |  | 8003120170*         | 70-143              |
|                              | 8003130454*         | 40-6264             |  | 8003120178*         | 70-143              |
|                              | 8003130466*         | 40-6264             |  |                     |                     |
|                              | 8003130470*         | 40-6264             |  | 8003190617          | 50-271 Q            |
|                              |                     |                     | Navy, Dept. of                             | 8003060052          | 71-273              |
|                              | 8003130475*         | 40-6264             |  | 8003060056*         | 71-273              |
|                              | 8003130477*         | 40-6264             |  | 8003140334*         | 40-8713             |
|                              | 8003130480*         | 40-6264             |  | 8003140342*         | 40-8713             |
|                              | 8003130494*         | 40-6264             |  |                     |                     |
|                              | 8003130509*         | 40-6264             |  | 8003140355*         | 40-8713             |
|                              |                     |                     |  | 8003140460*         | CONTRACT            |
|                              | 8003130512*         | 40-6264             |  | 8003240076*         | 71-360              |
| Michigan State Univ          | 8003170180          | 50-294 R            |  | 8003240143          | 71-9032             |
| Michigan, State of           | 8003040115          | PR                  |  | 8003280578          | 71-373              |
| Michigan, Univ of            | 8003040323          | NUREG               |  |                     |                     |
|                              | 8003140242*         | 50-255 P            |  | 8003280610*         | 71-373              |
|                              |                     |                     |  | 8003310156          | 71-364              |
|                              | 8003200477          | 50-2 S              |  | 8003310158*         | 71-364              |
|                              | 8003250093          | 71-348              | Navy, Dept of, Naval Nuclear Power Unit    | 8003140461          | 71-107              |
|                              | 8003250100*         | 71-348              |  | 8003240073          | 71-360              |
|                              | 8003260614          | 50-2 S              |  |                     |                     |
|                              | 8003270105*         | CONTRACT            |  | 8003270129          | 71-6679             |
|                              |                     |                     |  | 8003040248          | NUREG               |
| Middle South Utilities, Inc  | 8003060287*         | 50-289 H            | Navy, Dept of, Naval Research Laboratory   | 8003040327          | NUREG               |
| Midwest Research Institute   | 8003210046*         | FOIA                |  | 8003170123          | NUREG               |
| Millersville State College   | 8003170427          | 50-320 H            |  | 8003250425          | NUREG               |
| Minnesota, State of          | 8003260602          | 50-263 P            |  |                     |                     |
| Mississippi Power & Light Co | 8003030555          | 50-416 S            | Navy, Dept of, Philadelphia Naval Shipyard | 8003140048          | MISC                |
|                              |                     |                     | Nebraska Public Power District             | 8003030413          | 50-298 P            |
|                              | 8003030555          | 50-416 S            |  | 8003030500          | 50-298 P            |
|                              | 8003060722*         | 50-416 Q            |  | 8003040297          | 50-298 P            |
|                              | 8003070368          | 50-416 S            |  | 8003040305*         | 50-298 P            |
|                              | 8003070368          | 50-416 S            |  |                     |                     |
|                              | 8003070370          | 50-416 S            |  | 8003040438          | 50-298 R            |
|                              |                     |                     |  | 8003040443*         | 50-298 R            |
|                              | 8003070370          | 50-416 S            |  | 8003110655          | 50-298 R            |
|                              | 8003120594          | 50-416 A            |  | 8003110658*         | 50-298 R            |
|                              | 8003120594          | 50-416 A            |  | 8003120473          | 50-298 R            |
|                              | 8003120599*         | 50-416 A            |  |                     |                     |
|                              | 8003120599*         | 50-416 A            |  | 8003170486          | 50-298 S            |
|                              |                     |                     |  | 8003170492*         | 50-298 S            |
|                              | 8003180432          | 50-416 A            |  | 8003190106*         | 50-298 Q            |
|                              | 8003190818*         | 50-416 Q            |  | 8003210380          | 50-298 P            |
|                              | 8003200603*         | 50-416 Q            |  | 8003210382*         | 50-298 P            |
|                              | 8003240267          | 50-416 Q            |  |                     |                     |
|                              | 8003240396          | 50-416 S            |  | 8003250189          | 50-298 Q            |

## 433

| AUTHOR<br>AFFILIATION   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY      | AUTHOR<br>AFFILIATION              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|--------------------------|------------------------------------|---------------------|---------------------|
| Nebraska, Univ of<br>Neutron Products, Inc  | 8003250591          | 50-298 P                 |                                    | 8003070270          | PR                  |
|   | 8003260359          | 50-298 R                 |                                    | 8003070331          | 50-336 S            |
|   | 8003200364          | NUREQ                    |                                    | 8003070338*         | 50-336 S            |
|   | 8003190759          | 71-9094                  |                                    | 8003110418          | 50-249 P            |
|   | 8003310407          | 71-6400                  |                                    | 8003120353          | TOPREP              |
| New England Conference of Public Utility<br>Commissioners<br>New England Nuclear Corp<br>New Hampshire Research Project<br>New Jersey, State of | 8003200567*         | CONTRACT                 |                                    | 8003120673          | 50-336 Q            |
|   | 8003140464*         | 71-107                   |                                    | 8003140084          | 50-423 Q            |
|   | 8003140453          | 50-443 A                 |                                    | 8003170358*         | 50-213 P            |
|   | 8003130107          | PR                       |                                    | 8003180335          | 50-245 P            |
|   | 8003240536          | 50-272 Q                 |                                    | 8003180340          | 50-213 P            |
| New Mexico, State of  |                     |                          |                                    | 8003180349          | 50-213 P            |
|   | 8003140112          | WASTE MGT                |                                    | 8003180395          | 50-213 P            |
|   | 8003170014          | State Prog               |                                    | 8003180595          | 50-213 P            |
|   | 8003170018*         | State Prog               |                                    | 8003180634          | 50-336 P            |
|   | 8003170080          | WASTE MGT                |                                    | 8003190214*         | 50-245 Q            |
|   | 8003190008          | WASTE MGT                |                                    |                     |                     |
| New York, State of  |                     |                          |                                    | 8003190475          | 50-245 R            |
|   | 8003190090          | WASTE MGT                |                                    | 8003190480*         | 50-245 R            |
|   | 8003280153          | WASTE MGT                |                                    | 8003190512          | 50-245 J            |
|   | 8003060614*         | 50-410 H                 |                                    | 8003190512          | 50-245 J            |
|   | 8003070390          | 50-3 F                   |                                    | 8003190835          | 50-336 R            |
|   | 8003130006          | PR                       |                                    |                     |                     |
|   | 8003130402*         | 50-3 Q                   |                                    | 8003190538*         | 50-336 R            |
|   | 8003130502          | 50-201 P                 |                                    | 8003200491          | 50-336 S            |
|   | 8003190111*         | 50-3 Q                   |                                    | 8003210527          | 50-213 P            |
|   | 8003210108          | 50-3 Q                   |                                    | 8003210527          | 50-213 P            |
|   | 8003260133          | NUREQ                    |                                    | 8003240497          | 50-245 S            |
| New York, NY  |                     |                          |                                    | 8003240502*         | 50-245 S            |
|   | 8003190661          | PR                       |                                    | 8003260365          | 50-245 P            |
|   | 8003190679          | PR                       |                                    | 8003260373*         | 50-245 P            |
|   | 8003280652*         | CONTRACT                 |                                    | 8003260385          | 50-213 P            |
|   | 8003190670          | PR                       |                                    | 8003260385          | 50-213 P            |
| New York, State Univ of, (Albany)<br>Newark, NJ<br>Newport News Industrial Corp (subs of<br>Newport News Shipbuilding & Dry Dock Co)            | 8003120589          | TOPREP                   |                                    |                     |                     |
| Niagara Mohawk Power Corp   |                     |                          |                                    | 8003260385          | 50-213 P            |
|   | 8003040584          | 50-410 A                 |                                    | 8003270333          | 50-213 J            |
|   | 8003050091          | 50-220 Q                 |                                    | 8003270405          | 50-213 P            |
|   | 8003060181*         | 50-410 S                 |                                    | 8003270405          | 50-213 P            |
|   | 8003060189*         | 50-410 S                 |                                    | 8003270405          | 50-213 P            |
|   | 8003060574          | 50-220 F                 |                                    |                     |                     |
|   |                     |                          |                                    | 8003280510          | 50-336 S            |
|   | 8003070175*         | 50-410 S                 |                                    | 8003280513*         | 50-336 S            |
|   | 8003070344          | 50-220 R                 |                                    | 8003280517          | 50-245 S            |
|   | 8003070348*         | 50-220 R                 |                                    | 8003280522*         | 50-245 S            |
|   | 8003070383          | 50-410 A                 | Northeast Utilities Service Co     | 8003070204          | 50-213 P            |
|   | 8003120718          | 50-410 Q                 |                                    |                     |                     |
|   |                     |                          | Northern Indiana Public Service Co |                     |                     |
|   | 8003140013          | 50-220 S                 |                                    | 8003030493          | 50-367 R            |
|   | 8003170407          | 50-220 R                 |                                    | 8003040288          | 50-367 G            |
| 8003170411*   | 50-220 R            |                          | 8003040407                         | 50-367 R            |                     |
| 8003180126  | 50-220 S            |                          | 8003050001                         | 50-367 Q            |                     |
| 8003180288  | 50-220 F            |                          | 8003070384                         | 50-367 A            |                     |
|   |                     |                          |                                    |                     |                     |
|   | 8003180579          | 50-410 F                 |                                    | 8003100035          | 50-367 Q            |
| 8003190568*   | 50-220 P            |                          | 8003180458                         | 50-367 R            |                     |
| 8003190571*   | 50-220 P            |                          | 8003200267                         | 50-367 R            |                     |
| 8003250447  | 50-220 F            |                          | 8003250426                         | 50-367 Q            |                     |
| 8003250470  | 50-410 Q            |                          | 8003260619                         | 50-367 R            |                     |
|   |                     |                          |                                    |                     |                     |
|   | 8003310280          | 50-220 S                 |                                    | 8003270430          | 50-367 R            |
| 8003310281*   | 50-220 S            |                          | 8003310383                         | 50-367 A            |                     |
| 8003310310  | 50-220 S            | Northern States Power Co | 8003030400                         | 50-263 R            |                     |
| 8003310313*   | 50-220 S            |                          | 8003030401*                        | 50-263 R            |                     |
| 8003280164*   | 50-280 Q            |                          | 8003030402*                        | 50-263 R            |                     |
| North Anna Environmental Coalition  |                     |                          |                                    |                     |                     |
|   |                     |                          |                                    | 8003030571          | 50-282 S            |
|   |                     |                          |                                    | 8003030580*         | 50-282 S            |
|   |                     |                          |                                    | 8003040398          | 50-263 J            |
|   |                     |                          |                                    | 8003040402          | 50-282 J            |
| North Carolina State Univ<br>North Carolina, State of   |                     |                          |                                    | 8003040402          | 50-282 J            |
|   | 8003040467          | 50-111 P                 |                                    |                     |                     |
|   | 8003110376          | 50-400 A                 |                                    | 8003040420          | 50-282 R            |
|   | 8003280298*         | 50-369 F                 |                                    | 8003040420          | 50-282 R            |
|   | 8003310426          | 70-B                     |                                    | 8003040422*         | 50-282 R            |
| Northeast Nuclear Energy Co (subs of<br>Northeast Utilities)  | 8003050100*         | 50-245 Q                 |                                    | 8003040426*         | 50-282 R            |
|   |                     |                          |                                    |                     |                     |
|   | 8003060473          | 50-245 Q                 |                                    | 8003040420          | 50-282 R            |
|   | 8003100247          | 50-336 P                 |                                    | 8003040420          | 50-282 R            |
|   | 8003110470          | 50-245 F                 |                                    | 8003040422*         | 50-282 R            |
|   | 8003110470          | 50-245 F                 |                                    | 8003040426*         | 50-282 R            |
|   | 8003110481*         | 50-245 F                 |                                    |                     |                     |
|   | 8003110489          | 50-336 P                 |                                    | 8003040426*         | 50-282 R            |
|   | 8003180366          | 50-336 R                 |                                    |                     |                     |
|   | 8003180367*         | 50-336 R                 |                                    | 8003040426*         | 50-282 R            |
|   | 8003270343          | 50-213 Q                 |                                    |                     |                     |
| Northeast Utilities   |                     |                          |                                    | 8003040472          | 50-263 J            |
|   | 8003270343          | 50-213 Q                 |                                    | 8003040516          | 50-263 S            |
|   | 8002190048          | PR                       |                                    | 8003040583          | 50-263 P            |
|   | 8003030465          | 50-336 S                 |                                    | 8003040586          | 50-282 J            |
|   | 8003030466          | TOPREP                   |                                    |                     |                     |
|   | 8003030470*         | 50-336 S                 |                                    | 8003050527          | 50-263 P            |
|   |                     |                          |                                    | 8003060544          | 50-263 P            |
|   | 8003040509          | 50-245 R                 |                                    | 8003060546*         | 50-263 P            |
|   | 8003040509          | 50-245 R                 |                                    | 8003110513          | 50-263 S            |
|   | 8003040615          | 50-245 R                 |                                    | 8003110544          | 50-263 F            |
|   | 8003040615          | 50-245 R                 |                                    |                     |                     |
|   | 8003040621*         | 50-245 R                 |                                    | 8003110579          | 50-306 S            |
|   |                     |                          |                                    | 8003110581*         | 50-306 S            |
|   | 8003040621*         | 50-245 R                 |                                    | 8003120440          | 50-263 P            |
|   | 8003040627          | 50-336 S                 |                                    | 8003120493          | 50-263 P            |
|   |                     |                          |                                    | 8003120607          | 50-263 P            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|
|                                       | 8003120722          | 50-263 P            |                                 | 8003110015          | PR                  |
|                                       | 8003130115          | 50-262 Q            |                                 | 8003110019          | PR                  |
|                                       | 8003130458          | 50-263 Q            |                                 | 8003120618          | REB                 |
|                                       | 8003170267          | 50-263 R            |                                 | 8003120623          | REB                 |
|                                       | 8003170269*         | 50-263 R            |                                 | 8003120659          | REB                 |
|                                       | 8003170313          | 50-263 S            |                                 | 8003130680          | REB                 |
|                                       | 8003170395          | 50-262 R            |                                 | 8003180256          | PR                  |
|                                       | 8003170395          | 50-262 R            |                                 | 8003180641          | REB                 |
|                                       | 8003170399*         | 50-262 R            |                                 | 8003210227*         | 71-9597             |
|                                       | 8003170451          | 50-263 P            |                                 | 8003260430          | REB                 |
|                                       | 8003180552          | 50-262 P            |                                 | 8003270358          | REB                 |
|                                       | 8003180552          | 50-262 P            |                                 | 8003280566          | REB                 |
|                                       | 8003180633          | 50-263 S            |                                 | 8003280572          | REB                 |
|                                       | 8003180635          | 50-263 S            |                                 | 8003280577          | REB                 |
|                                       | 8003190554          | 50-262 P            |                                 | 8003310030*         | 50-312 T            |
|                                       | 8003190554          | 50-262 P            | Offshore Power Systems (subs of | 8003280531          | 50-437 A            |
|                                       | 8003190655          | 50-262 P            | Westinghouse Electric Corp )    |                     |                     |
|                                       | 8003190655          | 50-262 P            | Ogle Petroleum, Inc             | 8003050604          | 40-8745             |
|                                       | 8003190665          | 50-262 P            |                                 | 8003060028          | 40-8745             |
|                                       | 8003210530          | 50-262 P            |                                 | 8003240134          | 40-8693             |
|                                       | 8003210530          | 50-262 P            | Ohio, State of                  | 8003140153          | PR                  |
|                                       | 8003210530          | 50-262 P            |                                 | 8003180165*         | 50-556 Q            |
|                                       | 8003240361          | 50-263 I            | Oklahoma, State of              | 8003180165*         | 50-556 Q            |
|                                       | 8003240361          | 50-263 I            |                                 | 8003180168*         | 50-556 Q            |
|                                       | 8003240364*         | 50-263 I            |                                 | 8003180168*         | 50-556 Q            |
|                                       | 8003240364*         | 50-263 I            | Omaha Public Power District     | 8003050456          | 50-285 S            |
|                                       | 8003240364*         | 50-263 I            |                                 | 8003050460*         | 50-285 S            |
|                                       | 8003240405          | 50-263 S            |                                 | 8003050481          | 50-285 R            |
|                                       | 8003240407*         | 50-263 S            |                                 | 8003050483*         | 50-285 R            |
|                                       | 8003240408          | 50-262 S            |                                 | 8003050485          | 50-285 S            |
|                                       | 8003240410*         | 50-262 S            |                                 | 8003050486*         | 50-285 S            |
|                                       | 8003240417          | 50-306 S            |                                 | 8003110603          | 50-285 S            |
|                                       | 8003240421*         | 50-306 S            |                                 | 8003180176          | 50-285 P            |
|                                       | 8003240422          | 50-263 S            |                                 | 8003180602          | 50-285 R            |
|                                       | 8003240551          | 50-263 S            |                                 | 8003180607*         | 50-285 R            |
|                                       | 8003240564*         | 50-263 S            |                                 | 8003190399*         | 50-320 H            |
|                                       | 8003250298          | 50-262 P            |                                 | 8003190409*         | 50-320 H            |
|                                       | 8003250403          | 50-263 S            |                                 | 8003210389          | 50-285 P            |
|                                       | 8003250409*         | 50-263 S            |                                 | 8003240373          | 50-285 P            |
|                                       | 8003250542          | 50-263 Q            |                                 | 8003240508          | 50-285 S            |
|                                       | 8003260259          | 50-263 Q            |                                 | 8003240514*         | 50-285 S            |
|                                       | 8003270099          | 50-263 Q            |                                 | 8003240518*         | 50-285 S            |
|                                       | 8003310002          | 50-263 Q            |                                 | 8003240524*         | 50-285 S            |
|                                       | 8003310144          | 50-262 R            |                                 | 8003260577          | 50-285 P            |
|                                       | 8003310149*         | 50-262 R            |                                 | 8003310288          | 50-285 Q            |
|                                       | 8003310187          | 50-263 R            | Onecavage, Mark                 | 8003110662          | 50-250 H            |
|                                       | 8003310191*         | 50-263 R            |                                 | 8003280232          | 50-344 Q            |
|                                       | 8003310256          | 50-263 R            | Oregon, State of                | 8003280237*         | 50-344 Q            |
|                                       | 8003310258*         | 50-263 R            |                                 | 8003190611          | 50-367 Q            |
|                                       | 8003310358          | 50-263 S            | Osann, E. W                     | 8002130332          | 50-275 A            |
|                                       | 8003310362*         | 50-263 S            | Pacific Gas & Electric Co       | 8003040212          | 50-275 F            |
| Nuclear Containers, Inc               | 8003280646          | 71-9020             |                                 | 8003040218*         | 50-275 F            |
| Nuclear Energy Service, Inc           | 8003200468*         | 50-409 P            |                                 | 8003040218*         | 50-275 F            |
|                                       | 8003210489*         | 50-409 F            |                                 | 8003040680*         | 50-275 Q            |
| Nuclear Engineering Co, Inc (subs of  | 8003130109          | 71-258              |                                 | 8003050212          | 50-133 R            |
| Teledyne, Inc)                        | 8003190560          | 71-6400             |                                 | 8003050218*         | 50-133 R            |
| Nuclear Fuel Services, Inc (subs of   | 8003040317          | 50-201 F            |                                 | 8003050221*         | 50-133 R            |
| Getty Oil Co.)                        | 8003050041          | 50-201 H            |                                 | 8003050228*         | 50-133 R            |
|                                       | 8003060230          | 71-4949             |                                 | 8003050500          | 50-133 P            |
|                                       | 8003060419*         | FOIA                |                                 | 8003050500          | 50-133 P            |
|                                       | 8003060430*         | FOIA                |                                 | 8003060564          | 50-275 A            |
|                                       | 8003060541          | 50-201 R            |                                 | 8003060564          | 50-275 A            |
|                                       | 8003130153          | 50-201 R            |                                 | 8003100009          | 50-275 Q            |
|                                       | 8003130160*         | 50-201 R            |                                 | 8003100070          | 50-275 Q            |
|                                       | 8003130672          | 70-143              |                                 | 8003120700          | 50-133 Q            |
|                                       | 8003200134*         | 10CFR               |                                 | 8003120739          | 50-275 Q            |
|                                       | 8003250607          | 70-143              |                                 | 8003130132          | 50-275 Q            |
| Nuclear Packaging, Inc                | 8003310206          | 70-143              |                                 | 8003170146          | 50-275 Q            |
|                                       | 8003130175          | 71-9132             |                                 | 8003170404          | 50-133 R            |
|                                       | 8003130179*         | 71-9132             |                                 | 8003170418*         | 50-133 R            |
|                                       | 8003280105          | 71-9073             |                                 | 8003180481          | 50-275 A            |
| Nuclear Systems, Gamma Industries Div | 8003110158          | 71-9135             |                                 | 8003180481          | 50-275 A            |
|                                       | 8003240082          | 71-9032             |                                 | 8003180553          | 50-133 S            |
|                                       | 8003240089          | 71-9027             |                                 | 8003180562*         | 50-133 S            |
|                                       | 8003240095          | 71-9007             |                                 | 8003190066          | 50-275 A            |
|                                       | 8003240136          | 71-9110             |                                 | 8003190453          | 50-133 J            |
|                                       | 8003240146          | 71-9033             |                                 | 8003190908          | 50-275 H            |
|                                       | 8003240298          | 71-9036             |                                 | 8003190910          | PHD J               |
| Nuclear Technology, Inc (Nutech)      | 8003240302          | 71-9036             |                                 | 8003200628          | 50-275 S            |
| Numec                                 | 8003310374*         | 50-416 K            |                                 | 8003200628          | 50-275 S            |
|                                       | 8003040134*         | 70-135              |                                 | 8003230170          | 50-275 A            |
| Oak Ridge National Laboratory         | 8003100183          | NUREG               |                                 | 8003230170          | 50-275 A            |
|                                       | 8003110006          | PR                  |                                 | 8003250175*         | 50-275 A            |
|                                       | 8003110009          | PR                  |                                 | 8003250175*         | 50-275 A            |

## CORPORATE SOURCE INDEX

435

| AUTHOR<br>AFFILIATION         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-------------------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|
|                               | 8003250295          | PRDJ                |                                  | 8003140030          | 50-277 Q            |
|                               | 8003250311          | PRDJ                |                                  | 8003140141          | 50-352 Q            |
|                               | 8003260528          | 50-275 A            |                                  | 8003140419          | 50-387 P            |
|                               | 8003260528          | 50-275 A            |                                  | 8003140419          | 50-387 P            |
|                               | 8003260592          | 50-275 A            |                                  | 8003140423*         | 50-387 P            |
|                               | 8003260592          | 50-275 A            |                                  | 8003140432*         | 50-387 P            |
|                               | 8003260631          | 50-275 A            |                                  | 8003140432*         | 50-387 P            |
|                               | 8003260631          | 50-275 A            |                                  | 8003170068          | 50-277 S            |
|                               | 8003260634*         | 50-275 A            |                                  | 8003170414          | 50-277 F            |
|                               | 8003260634*         | 50-275 A            |                                  | 8003180407          | 50-277 R            |
|                               | 8003260647          | 50-275 A            |                                  | 8003180407          | 50-277 R            |
|                               | 8003270381          | 50-275 F            |                                  | 8003180409*         | 50-277 R            |
|                               | 8003270511          | 50-275 Q            |                                  | 8003180409*         | 50-277 R            |
|                               | 8003280003          | 50-275 Q            |                                  | 8003180553          | 50-278 S            |
|                               | 8003280003          | 50-275 Q            |                                  | 8003180567*         | 50-278 S            |
|                               | 8003280119          | 50-344 Q            |                                  | 8003180573          | 50-278 S            |
|                               | 8003280159          | 50-133 Q            |                                  | 8003180582*         | 50-278 S            |
| Pacific Pump Div              | 8003190476*         | 50-320 H            |                                  | 8003180586*         | 50-277 S            |
| Panaloia AirFreight, Inc      | 8003240252          | XPORTLIC            |                                  | 8003180593*         | 50-277 S            |
|                               | 8003240256*         | XPORTLIC            |                                  | 8003190547          | 50-277 S            |
| Pathfinder Mines Corp         | 8003060031          | 40-2259             |                                  | 8003190547          | 50-277 S            |
|                               | 8003280079          | 40-2259             |                                  | 8003240463          | 50-278 S            |
|                               | 8003280083*         | 40-2259             |                                  | 8003250490          | 50-277 P            |
| Penn Southwest Insurance, Inc | 8003170454          | TOPREP              |                                  | 8003250490          | 50-277 P            |
| Pennsylvania Power & Light Co | 8003040281          | 50-387 Q            |                                  | 8003250548*         | 50-277 P            |
|                               | 8003060170*         | 50-387 U            |                                  | 8003250548*         | 50-277 P            |
|                               | 8003060372          | 50-387 Q            |                                  | 8003250576          | 50-277 P            |
|                               | 8003060372          | 50-387 Q            |                                  | 8003280429          | 50-278 S            |
|                               | 8003060403          | 50-387 A            |                                  | 8003280435*         | 50-278 S            |
|                               | 8003060403          | 50-387 A            |                                  | 8003310368          | 50-277 S            |
|                               | 8003060525          | 50-387 K            | Philippines                      | 8003050130          | 50-374 Q            |
|                               | 8003060525          | 50-387 K            |                                  | 8003050136          | 50-374 Q            |
|                               | 8003060526*         | 50-387 K            | Pick Instrument Products Co, Inc | 8003200402          | 71-359              |
|                               | 8003060526*         | 50-387 K            | Picker Corp                      | 8003210204          | 71-5796             |
|                               | 8003060527*         | 50-387 K            | Pioneer Nuclear, Inc             | 8003200280          | WASTE MGT           |
|                               | 8003060527*         | 50-387 K            |                                  | 8003060205          | WASTE MGT           |
|                               | 8003060536          | 50-387 Q            | Placer Amex, Inc                 | 8003190754          | 40-7869             |
|                               | 8003140072          | 50-387 Q            | Plateau Resources, Ltd           | 8003060294*         | 50-339 A            |
|                               | 8003180519          | 50-387 H            | Plymouth & Washington County     | 8003270080          | 50-320 P            |
|                               | 8003180521          | 50-387 A            | Porter-Oertz Consultants, Inc    | 8003280543          | 50-320 R            |
|                               | 8003190649          | 50-387 Q            |                                  | 8003030347          | 50-344 P            |
|                               | 8003190649          | 50-387 Q            | Portland General Electric Co     | 8003040208          | 50-344 R            |
|                               | 8003210184          | 50-387 A            |                                  | 8003040506          | 50-344 P            |
|                               | 8003260423*         | 50-387 B            |                                  | 8003040557          | 50-344 P            |
|                               | 8003310136          | 50-387 B            |                                  | 8003040577          | 50-344 A            |
| Pennsylvania State Univ       | 8003190085          | PR                  |                                  | 8003050432          | 50-344 P            |
| Pennsylvania, State of        | 8003050614          | 50-289 Q            |                                  | 8003050446          | 50-344 Q            |
|                               | 8003060020          | 50-289 Q            |                                  | 8003050471          | 50-344 R            |
|                               | 8003240006          | 50-289 Q            |                                  | 8003060252          | 50-344 Q            |
|                               | 8003280010          | 50-387 Q            |                                  | 8003100055          | 50-344 Q            |
| Petrotechnics, Inc            | 8003030230          | 40-6659             |                                  | 8003110819          | 50-344 P            |
| Philadelphia Electric Co      | 8003030463          | 50-277 S            |                                  | 8003110540          | 50-344 P            |
|                               | 8003040037          | 50-320 T            |                                  | 8003110565          | 50-344 P            |
|                               | 8003040165          | 50-277 Q            |                                  | 8003110578          | 50-344 S            |
|                               | 8003040165          | 50-277 Q            |                                  | 8003110580*         | 50-344 S            |
|                               | 8003040261          | 50-320 T            |                                  | 8003110584          | 50-344 R            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110586*         | 50-344 R            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110617          | 50-344 P            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110648          | 50-344 R            |
|                               | 8003040374          | 50-277 Q            |                                  | 8003110650*         | 50-344 R            |
|                               | 8003040374          | 50-277 Q            |                                  | 8003120343          | 50-344 P            |
|                               | 8003040389          | 50-277 R            |                                  | 8003120703          | 50-344 Q            |
|                               | 8003040389          | 50-277 R            |                                  | 8003130212          | 50-344 Q            |
|                               | 8003040565*         | 50-277 R            |                                  | 8003130216          | 50-344 Q            |
|                               | 8003040565*         | 50-277 R            |                                  | 8003130218*         | 50-344 Q            |
|                               | 8003060498          | 50-277 S            |                                  | 8003130242*         | 50-344 Q            |
|                               | 8003070349          | 50-277 R            |                                  | 8003130247*         | 50-344 Q            |
|                               | 8003070350*         | 50-277 R            |                                  | 8003130258*         | 50-344 Q            |
|                               | 8003100207          | 50-277 P            |                                  | 8003130279*         | 50-344 Q            |
|                               | 8003100211*         | 50-277 P            |                                  | 8003130297*         | 50-344 Q            |
|                               | 8003110327          | 50-277 P            |                                  | 8003130383          | 50-344 S            |
|                               | 8003110549          | 50-277 P            |                                  | 8003130387*         | 50-344 S            |
|                               | 8003110549          | 50-277 P            |                                  | 8003130579          | 50-344 Q            |
|                               | 8003110555          | 50-277 R            |                                  | 8003170306          | 50-344 S            |
|                               | 8003110598*         | 50-277 R            |                                  | 8003170308*         | 50-344 S            |
|                               | 8003110608          | 50-278 P            |                                  | 8003170334          | 50-344 Q            |
|                               | 8003110609*         | 50-278 P            |                                  | 8003190509          | 50-344 Q            |
|                               | 8003120471          | 50-352 A            |                                  | 8003190513*         | 50-344 Q            |
|                               | 8003120504          | 50-278 S            |                                  | 8003200315          | 50-344 P            |
|                               | 8003120526          | 50-278 S            |                                  | 8003250558          | 50-344 P            |
|                               | 8003120567          | 50-277 I            |                                  | 8003250574          | 50-344 P            |
|                               | 8003120567          | 50-277 I            |                                  | 8003250577*         | 50-344 P            |
|                               | 8003120726          | 50-277 P            |                                  | 8003250588          | 50-344 F            |
|                               | 8003120736          | 50-277 Q            |                                  | 8003260820          | 50-344 P            |
|                               | 8003120746          | 50-277 P            |                                  | 8003260639          | 50-344 P            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
| Power Authority of the State of New York                                      | 8003280054          | 50-344 Q            |  | 8003290537*         | 50-267 S            |
|   | 8003040378          | 50-333 Q            |  | 8003290552          | 50-267 S            |
|   | 8003040502          | 50-333 S            |  | 8003290555*         | 50-267 S            |
|   | 8003040510*         | 50-333 S            |  | 8003290578          | 50-267 P            |
|   | 8003040623          | 50-286 S            |  | 8003290581*         | 50-267 P            |
|   | 8003040631*         | 50-286 S            |  | 8003260561          | 50-267 Q            |
|   | 8003050103*         | 100FR               |  | 8003260565*         | 50-267 Q            |
|   | 8003050366          | 50-333 J            |  | 8003260571*         | 50-267 Q            |
|   | 8003050369          | 50-286 J            |  | 8003260576*         | 50-267 Q            |
|   | 8003050389          | 50-286 F            |  | 8003260578*         | 50-267 Q            |
|   | 8003050447          | 50-286 P            |  | 8003260597          | 50-267 P            |
|   | 8003050490          | 50-286 R            |  | 8003260603*         | 50-267 P            |
|   | 8003050492          | 50-286 P            |  | 8003310328          | 50-267 S            |
|   | 8003050493          | 50-333 F            |  | 8003310334*         | 50-267 S            |
|   | 8003050495*         | 50-286 R            |  | 8003310351          | 50-267 S            |
|   | 8003050521          | 50-286 Q            |  | 8003310357*         | 50-267 S            |
|   | 8003060529          | 50-333 Q            |  | 8003310373          | 50-267 S            |
|   | 8003060543          | 50-286 F            |  | 8003310378*         | 50-267 S            |
|   | 8003060584          | 50-333 F            | Public Service Co of Indiana, Inc              | 8003050647*         | 50-546 Q            |
|   | 8003070356          | 50-333 P            |  | 8003070386          | 50-546 A            |
|   | 8003070364          | 50-333 R            |  | 8003110396          | 50-546 A            |
|   | 8003070365*         | 50-333 R            |  | 8003180569          | 50-546 S            |
|   | 8003110013          | 50-333 P            |  | 8003190822          | NUREG               |
|   | 8003110022*         | 50-333 P            |  | 8003200287          | 50-546 Q            |
|   | 8003110030*         | 50-333 P            |  | 8003200841*         | 50-546 Q            |
|   | 8003110040          | 50-333 S            |  | 8003210510          | 50-546 I            |
|   | 8003110046*         | 50-333 S            |  | 8003210514*         | 50-546 I            |
|   | 8003110508          | 50-333 R            |  | 8003280536          | 50-546 A            |
|   | 8003110511*         | 50-333 R            |  | 8003280536          | 50-546 A            |
|   | 8003110640          | 50-333 S            |  | 8003280539*         | 50-546 A            |
|   | 8003110642*         | 50-333 S            | Public Service Co of New Hampshire             | 8003060023*         | 50-443 H            |
|   | 8003110645          | 50-333 S            |  | 8003120751          | 50-443 Q            |
|   | 8003110646*         | 50-333 S            |  | 8003200232*         | 50-443 A            |
|   | 8003120728          | 50-286 Q            |  | 8003200232*         | 50-443 A            |
|   | 8003130215          | 50-286 Q            |  | 8003200238*         | 50-443 A            |
|   | 8003130357*         | 50-247 P            |  | 8003200238*         | 50-443 A            |
|   | 8003130364*         | 50-247 P            | Public Service Co of Oklahoma                  | 8003180272          | 50-596 Q            |
|   | 8003130418          | 50-286 P            |  | 8003190710*         | 50-596 Q            |
|   | 8003130433          | 50-286 P            | Public Service Electric & Gas Co of New Jersey | 8003030512          | 50-311 A            |
|   | 8003170137          | 50-333 S            |  | 8003040033*         | 50-354 S            |
|   | 8003170322          | 50-333 S            |  | 8003040033*         | 50-354 S            |
|   | 8003170490          | 50-333 S            |  | 8003040034*         | 50-272 Q            |
|   | 8003170494*         | 50-333 S            |  | 8003040096*         | 50-272 Q            |
|   | 8003180358          | 50-286 R            |  | 8003050280          | 50-272 S            |
|   | 8003180401*         | 50-286 R            |  | 8003050470          | 50-272 Q            |
|   | 8003180515          | 50-286 Q            |  | 8003060207*         | 50-355 S            |
|   | 8003180571          | 50-286 S            |  | 8003060242*         | 50-354 S            |
|   | 8003180572          | 50-333 S            |  | 8003060455          | 50-354 Q            |
|   | 8003180580*         | 50-333 S            |  | 8003060455          | 50-354 Q            |
|   | 8003180592          | 50-333 S            |  | 8003060537          | 50-272 S            |
|   | 8003180597*         | 50-333 S            |  | 8003060551*         | 50-272 S            |
|   | 8003180623          | 50-286 P            |  | 8003060598          | 50-272 S            |
|   | 8003190539          | 50-333 S            |  | 8003060598          | 50-272 S            |
|   | 8003190659          | 50-286 P            |  | 8003060567*         | 50-272 S            |
|   | 8003210324          | 50-333 S            |  | 8003060570          | 50-272 S            |
|   | 8003210330*         | 50-333 S            |  | 8003060572*         | 50-272 S            |
|   | 8003210334          | 50-333 S            |  | 8003060596          | 50-272 S            |
|   | 8003210340*         | 50-333 S            |  | 8003060603*         | 50-272 S            |
|   | 8003210440          | 50-333 S            |  | 8003070381          | 50-311 A            |
|   | 8003210452*         | 50-333 S            |  | 8003100140          | 50-272 K            |
|   | 8003240452          | 50-333 S            |  | 8003100143*         | 50-272 K            |
|   | 8003240458*         | 50-333 S            |  | 8003100143*         | 50-272 K            |
|   | 8003260387          | 50-286 P            |  | 8003110512          | 50-272 P            |
|   | 8003260394*         | 50-286 P            |  | 8003110568          | 50-272 R            |
|   | 8003270434          | 50-333 P            |  | 8003110570*         | 50-272 R            |
|   | 8003280230          | 50-286 F            |  | 8003110573          | 50-272 P            |
|   | 8003280234*         | 50-286 F            |  | 8003140102          | 50-354 Q            |
|   | 8003260585          | NUREG               |  | 8003170261          | 50-272 P            |
|   | 8003200126*         | 50-3 P              |  | 8003170264*         | 50-272 P            |
|   | 8002210266          | PR                  |  | 8003180496          | 50-272 R            |
|   | 8003030484          | 50-267 R            |  | 8003180500*         | 50-272 R            |
|   | 8003110620          | 50-267 F            |  | 8003190465          | 50-311 A            |
|   | 8003120280          | 50-267 P            |  | 8003190473          | 50-311 A            |
|   | 8003120307          | 50-267 P            |  | 8003190496          | 50-311 F            |
|   | 8003120442          | 50-267 R            |  | 8003190498*         | 50-311 F            |
|   | 8003170270          | 50-267 R            |  | 8003190558          | 50-311 A            |
|   | 8003170274*         | 50-267 R            |  | 8003190942*         | 50-272 Q            |
|   | 8003170426          | 50-267 S            |  | 8003210484          | 50-272 P            |
|   | 8003170430*         | 50-267 S            |  | 8003210484          | 50-272 P            |
|   | 8003190990*         | 50-267 Q            |  | 8003240411          | 50-272 Q            |
| Power Engineering Society<br>Princeton Univ<br>Public Interest Research Group | 8003250498          | 50-267 S            |  | 8003280569          | 50-272 P            |
|   | 8003250502*         | 50-267 S            |  | 8003260361          | 50-272 P            |
|   | 8003250528          | 50-267 S            |  | 8003260629          | 50-272 P            |
|   | 8003250533*         | 50-267 S            |  |                     |                     |
|   | 8003250535          | 50-267 S            |  |                     |                     |
| Public Service Co of Colorado   | 8003030484          | 50-267 R            |  |                     |                     |
|   | 8003110620          | 50-267 F            |  |                     |                     |
|   | 8003120280          | 50-267 P            |  |                     |                     |
|   | 8003120307          | 50-267 P            |  |                     |                     |
|   | 8003120442          | 50-267 R            |  |                     |                     |

## CORPORATE SOURCE INDEX

437

| AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                                       | 8003260632*         | 50-272 P            |  | 8003130547          | 50-312 F            |
|                                       | 8003260635*         | 50-272 P            |  | 8003140218          | 50-312 G            |
| Puget Sound Power & Light Co          | 8003040698          | 50-522 Q            |  | 8003140300          | 50-312 T            |
|                                       | 8003240037          | PR                  |  | 8003170382          | 50-312 R            |
| Purdue Univ                           | 8003250412          | 50-182 F            |  | 8003170386*         | 50-312 R            |
|                                       |                     |                     |  |                     |                     |
| Pyrotechnics, Baker Protec Svcs Inc   | 8003050039          | PR                  |  | 8003170440          | 50-312 S            |
| Quad Logistics, Inc                   | 8003240333*         | COMMISSION          |  | 8003170445          | 50-312 S            |
| Radiation Research Associates         | 8003200187*         | CONTRACT            |  | 8003180497          | 50-361 S            |
| Raytheon Corp                         | 8003130010*         | 50-320 H            |  | 8003180566          | 50-312 S            |
| Reactor Controls, Inc                 | 8003070097          | 50-416 S            |  | 8003180574*         | 50-312 S            |
|                                       |                     |                     |  |                     |                     |
| Reactor Experiments, Inc              | 8003100202          | XPORTLIC            |  | 8003180629          | 50-312 S            |
|                                       | 8003100206*         | XPORTLIC            |  | 8003190356          | 50-312 S            |
| Reese Engineering Associates          | 8003180469          | 50-261 P            |  | 8003190561*         | 50-312 S            |
|                                       | 8003180482*         | 50-261 P            |  | 8003210439          | 50-312 P            |
| Rensselaer Polytechnic Inst           | 8003070300          | 50-225 R            |  | 8003240356          | 50-312 P            |
|                                       |                     |                     |  |                     |                     |
| Resource Communities, Inc             | 8003210042*         | FOIA                |  | 8003250573          | 50-312 P            |
| Richard N Danelson & Associates       | 8003140033          | REQ00               |  | 8003260410          | 50-312 F            |
| Richland County, SC                   | 8003050152          | PR                  |  | 8003260526          | 50-312 P            |
|                                       | 8003060482          | PR                  |  | 8003260588          | 50-312 S            |
| Rio Algom, Ltd                        | 8003190015          | 40-8084             |  | 8003260591          | 50-312 S            |
|                                       |                     |                     |  |                     |                     |
| Riverside, CA                         | 8003280008          | FRQJ                |  | 8003260594*         | 50-312 S            |
| Rochester Gas & Electric Corp         | 8003030478          | 50-244 P            |  | 8003260596*         | 50-312 S            |
|                                       | 8003030482*         | 50-244 P            |  | 8003260645          | 50-312 P            |
|                                       | 8003060458          | 50-244 F            |  | 8003270106          | 50-312 Q            |
|                                       | 8003060552          | 50-244 P            |  | 8003280059          | 50-312 Q            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003060609          | 50-244 P            |  | 8003280541          | 50-312 P            |
|                                       | 8003060613*         | 50-244 P            |  | 8003280554          | 50-312 P            |
|                                       | 8003060616*         | 50-244 P            |  | 8003310359          | 50-312 P            |
|                                       | 8003060625*         | 50-244 P            | Saluda Township, Ill                     | 8003240099*         | 50-546 Q            |
|                                       | 8003110582          | 50-244 R            | San Antonio, TX                          | 8003050179          | 50-498 M            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003110583*         | 50-244 R            |  | 8003040265*         | 50-206 R            |
|                                       | 8003110602          | 50-244 P            | San Diego Gas & Electric Co              | 8003130048*         | 50-275 H            |
|                                       | 8003130555*         | 50-244 P            | San Luis Obispo, CA                      | 8003110014          | PR                  |
|                                       | 8003130557*         | 50-244 P            | Sandia Laboratories                      | 8003110018          | PR                  |
|                                       | 8003170402          | 50-244 R            |  | 8003110029          | PR                  |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003170415*         | 50-244 R            |  | 8003130628*         | XPORTLIC            |
|                                       | 8003180484          | 50-244 P            |  | 8003250280          | 71-361              |
|                                       | 8003190516          | 50-244 P            |  | 8003280390          | NUREG               |
|                                       | 8003200112          | PR                  |  | 8003270170          | RES                 |
|                                       | 8003240381          | 50-244 P            |  | 8003310153          | RES                 |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003250463          | 50-244 P            | Schenk & Boncher                         | 8003130294          | FOIA                |
|                                       | 8003290481          | 50-244 P            | Science Applications, Inc                | 8003310030*         | 50-312 T            |
|                                       | 8003260549          | 50-244 P            | Scientists & Engineers for Secure Energy | 8003060740          | PR                  |
|                                       | 8003280403          | 50-244 F            | Senate                                   | 7909270566*         | MISC                |
| Rockwell International Corp           | 8003140006          | 70-25               |  | 8003040273          | 50-409 U            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003170154          | 50-375 P            |  | 8003060160*         | 50-387 U            |
|                                       | 8003240068          | 71-9035             |  | 8003060435*         | 50-352 U            |
| Rocky Mountain Energy Co              | 8003060053          | 40-8697             |  | 8003060510*         | NUREG               |
|                                       | 8003190779          | 40-8697             |  | 8003060563*         | MISC                |
|                                       | 8003240183          | 40-8697             |  | 8003110087*         | 50-320 U            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003240191*         | 40-8697             |  | 8003110101*         | 50-341 F            |
| Rogovin, Stern & Hoge                 | 8003100007          | 50-320 Q            |  | 8003120710          | 50-574 U            |
|                                       | 8003260181*         | CONTRACT            |  | 8003250192          | 50-133 U            |
| Ropes & Gray                          | 8003060358          | 50-471 Q            |  | 8003260114*         | FOIA                |
|                                       | 8003200228          | 50-443 A            |  | 8003280154          | 50-367 U            |
|                                       |                     |                     |  |                     |                     |
| Roswell Park Memorial Institute       | 8003110587          | 50-320 P            | Senate, Appropriations                   | 8003110122*         | 50-320 U            |
| Roush, M                              | 8003190817*         | CONTRACT            | Senate, Energy & Natural Resources       | 8003240602          | PRM                 |
| Sacramento Municipal Utility District | 8003030022          | 50-312 Q            | Senate, Environment & Public Works       | 8003110268*         | 50-320 U            |
|                                       | 8003040412          | 50-312 P            | Senate, Governmental Affairs             | 8003060315*         | 50-568 U            |
|                                       | 8003040414*         | 50-312 P            | Sensible Maine Power                     | 8003190123*         | 50-307 H            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003040524          | 50-312 P            | Separative Work Unit Corp                | 8003140456          | XPORTLIC            |
|                                       | 8003040549          | 50-312 S            | Shaw, Pittman, Potts & Trowbridge        | 8003030022          | 50-312 Q            |
|                                       | 8003040578          | 50-312 J            |  | 8003030105          | 50-289 Q            |
|                                       | 8003040608          | 50-312 S            |  | 8003030501          | 50-266 Q            |
|                                       | 8003040619*         | 50-312 S            |  | 8003030526          | 50-266 Q            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003050518          | 50-312 P            |  | 8003030526          | 50-266 Q            |
|                                       | 8003060033          | 50-312 Q            |  | 8003030536          | 50-266 Q            |
|                                       | 8003060215          | 50-312 Q            |  | 8003030536          | 50-266 Q            |
|                                       | 8003060357          | 50-312 S            |  | 8003040300          | 50-289 Q            |
|                                       | 8003060560*         | 50-312 S            |  | 8003050052          | 50-289 Q            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003060583          | 50-312 S            |  | 8003050076          | 50-289 Q            |
|                                       | 8003060587*         | 50-312 S            |  | 8003050082          | 50-289 Q            |
|                                       | 8003100029          | 50-312 Q            |  | 8003050149          | 50-289 Q            |
|                                       | 8003100032          | 50-312 P            |  | 8003050160          | 50-289 Q            |
|                                       | 8003110589          | 50-312 R            |  | 8003060249          | 50-289 Q            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003110591*         | 50-312 R            |  | 8003060255*         | 50-289 Q            |
|                                       | 8003110613          | 50-312 S            |  | 8003060372          | 50-387 Q            |
|                                       | 8003110616*         | 50-312 S            |  | 8003060372          | 50-387 Q            |
|                                       | 8003110627          | 50-312 S            |  | 8003060468          | 50-266 P            |
|                                       | 8003110631*         | 50-312 S            |  | 8003100022          | 50-320 P            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003110657          | 50-312 F            |  | 8003190144          | 50-289 Q            |
|                                       | 8003120470          | 50-312 P            |  | 8003190647          | 50-387 Q            |
|                                       | 8003120557          | 50-312 P            |  | 8003190647          | 50-387 Q            |
|                                       | 8003120558*         | 50-312 Q            |  | 8003250027          | PR                  |
|                                       | 8003120697          | 50-312 Q            |  | 8003250342          | 50-346 Q            |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
| Sheldon, Harmon & Weiss   | 8003250366          | 50-289 Q            | St Louis Univ<br>Standardized Nuclear Unit Power Plant<br>System                               | 8003030110          | 50-498 M            |
|   | 8003250456          | 50-445 M            |  | 8003050650          | PRDJ                |
|   | 8003270135          | 50-289 Q            |  | 8003190963          | 50-498 M            |
|   | 8003060492          | 50-289 Q            |  | 8003270124          | PRDJ                |
|   | 8003060494          | 50-289 Q            |  | 8003280008          | PRDJ                |
| Shepherd, J M MD<br>Sigma Chemical Co (subs of Sigma-Aldri<br>ch Corp )<br>Small Business Administration                          | 8003060499          | 50-289 Q            | State, Dept of<br>State, Dept of, Bureau of Oceans &<br>Internatl Environ & Scientific Affairs | 8003250174          | NUREG               |
|   | 8003200122          | 50-3 P              |  | 8003130033          | 50-482 Q            |
|   | 8003240477          | PR                  |  | 8003140024          | 50-482 Q            |
|   | 8003240613          | 50-289 Q            |  | 8003190100          | 50-482 S            |
|   | 8003250513          | 50-3 Q              |  | 8003240432          | REGOD               |
| Shell & Wilmer<br>Social Research Applications Corp<br>Source Production & Equipment Co , Inc<br>South Carolina Electric & Gas Co | 8003280665          | FOIA                | Steel, Hector & Davis  | 8003250393          | 50-482 S            |
|   | 8003140039          | PR                  |  | 8003260638          | 50-482 S            |
|   | 8003060687          | XPORTLIC            |  | 8003260638          | 50-482 S            |
|   | 8003200044          | CONTRACT            |  | 8003260638          | 50-482 S            |
|   | 8003280363          | CONTRACT            |  | 8003260638          | 50-482 S            |
| South Carolina, State of  | 8003280003          | 50-275 Q            | Sweden<br>System Development Corp<br>TERA Corp   | 8003260644          | 50-482 Q            |
|   | 8003210031          | FOIA                |  | 8003260644          | 50-482 Q            |
|   | 8003280659          | 71-9036             |  | 8003260644          | 50-482 Q            |
|   | 8003030202          | 50-395 K            |  | 8003260644          | 50-482 Q            |
|   | 8003030206          | 50-395 K            |  | 8003060719          | 50-574 Q            |
| South Carolina, Univ of   | 8003030458          | 50-395 S            | Teledyne Cast Products<br>Teledyne Energy Systems  | 8003040230          | SECY                |
|   | 8003030481          | 50-395 S            |  | 8003040719          | XPORTLIC            |
|   | 8003030493          | 50-395 S            |  | 8003040723          | XPORTLIC            |
|   | 8003060632          | 50-395 S            |  | 8003050005          | XPORTLIC            |
|   | 8003070385          | 50-395 S            |  | 8003050049          | XPORTLIC            |
| South Dakota, State of  | 8003110428          | 50-395 Q            | Tennessee Valley Authority   | 8003050064          | XPORTLIC            |
|   | 8003170439          | 50-395 S            |  | 8003050065          | XPORTLIC            |
|   | 8003240188          | 50-395 Q            |  | 8003050159          | XPORTLIC            |
|   | 8003240367          | 50-395 S            |  | 8003050164          | XPORTLIC            |
|   | 8003280461          | 50-395 S            |  | 8003060004          | XPORTLIC            |
| Southern California Edison Co   | 8003280559          | 50-395 S            | TRW, Inc , Energy Systems Planning Div<br>Tech/Ops (Technical Operations, Inc )                | 8003060010          | XPORTLIC            |
|   | 8003040153          | PR                  |  | 8003240050          | XPORTLIC            |
|   | 8003050257          | PR                  |  | 8003240053          | XPORTLIC            |
|   | 8003140473          | PR                  |  | 8003240272          | 70-2805             |
|   | 8003140375          | 50-395 R            |  | 8003250107          | SECY                |
| Southwest Research Institute  | 8003130637          | 40-1341             | Teledyne Engineering Services  | 8003260546          | XPORTLIC            |
|   | 8003240186          | 40-1341             |  | 8003280612          | XPORTLIC            |
|   | 8003030484          | 50-206 F            |  | 8003310355          | SECY                |
|   | 8003040288          | 50-206 R            |  | 8003310486          | XPORTLIC            |
|   | 8003040265          | 50-206 R            |  | 8003040320          | 50-250 Q            |
| Southern California, Univ. of   | 8003040642          | 50-206 S            | Tennessee Valley Authority   | 8003050042          | NUREG               |
|   | 8003040652          | 50-206 S            |  | 8003110374          | TOPREP              |
|   | 8003050117          | 50-206 Q            |  | 8003110629          | 50-267 F            |
|   | 8003100047          | 50-206 Q            |  | 8003130344          | QA999               |
|   | 8003100061          | 50-361 Q            |  | 8003140198          | 50-495 S            |
| Southwestern Public Service Co  | 8003100075          | 50-361 Q            | Teledyne Engineering Services  | 8003140201          | 50-495 S            |
|   | 8003110280          | 50-361 Q            |  | 8003200465          | REGOD               |
|   | 8003110542          | 50-206 P            |  | 8003210349          | 50-10 F             |
|   | 8003110610          | 50-361 A            |  | 8003210555          | 50-10 F             |
|   | 8003110610          | 50-361 A            |  | 8003210559          | 50-10 F             |
| Spiegel & McDiarmid   | 8003110612          | 50-361 A            | Tennessee Valley Authority   | 8003210563          | 50-10 F             |
|   | 8003110612          | 50-361 A            |  | 8003240259          | 50-495 H            |
|   | 8003120314          | 50-206 P            |  | 8003110038          | PR                  |
|   | 8003120430          | 50-206 F            |  | 8003260477          | FOIA                |
|   | 8003130134          | 50-206 Q            |  | 8003110010          | PR                  |
| Spiegel & McDiarmid   | 8003140372          | 50-395 R            | Tennessee Valley Authority   | 8003200602          | FOIA                |
|   | 8003170149          | 50-361 Q            |  | 8003140320          | 71-9141             |
|   | 8003180386          | 50-206 R            |  | 8003140322          | 71-9141             |
|   | 8003180388          | 50-206 R            |  | 8003100129          | NUREG               |
|   | 8003180539          | 50-206 F            |  | 8003210023          | FOIA                |
| Spiegel & McDiarmid   | 8003180549          | 50-206 F            | Tennessee Valley Authority   | 8003050168          | 70-2317             |
|   | 8003180612          | 50-206 Q            |  | 8003210048          | 71-46               |
|   | 8003180614          | 50-206 P            |  | 8003210090          | 71-46               |
|   | 8003180627          | 50-206 Q            |  | 8003070397          | 50-329 S            |
|   | 8003200642          | 50-206 P            |  | 8003030066          | 50-259 Q            |
| Spiegel & McDiarmid   | 8003210491          | 50-206 F            | Tennessee Valley Authority   | 8003030066          | 50-259 Q            |
|   | 8003240460          | 50-395 S            |  | 8003030066          | 50-259 Q            |
|   | 8003240461          | 50-395 S            |  | 8003030339          | 50-259 H            |
|   | 8003240496          | 50-395 S            |  | 8003030365          | 50-553 S            |
|   | 8003260640          | 50-206 P            |  | 8003030365          | 50-553 S            |
| Spiegel & McDiarmid   | 8003280042          | 50-361 Q            | Tennessee Valley Authority   | 8003030370          | 50-553 S            |
|   | 8003280421          | 50-206 S            |  | 8003030370          | 50-553 S            |
|   | 8003280427          | 50-206 S            |  | 8003030511          | 50-329 S            |
|   | 8003280433          | 50-206 Q            |  | 8003030511          | 50-329 S            |
|   | 8003280456          | 50-206 P            |  | 8003030515          | 50-329 S            |
| Spiegel & McDiarmid   | 8003280476          | 50-206 S            | Tennessee Valley Authority   | 8003030515          | 50-329 S            |
|   | 8003280480          | 50-206 S            |  | 8003030524          | 50-329 S            |
|   | 8003310218          | 50-361 Q            |  | 8003030524          | 50-329 S            |
|   | 8003270057          | NUREG               |  | 8003030528          | 50-329 S            |
|   | 8003050445          | 50-267 F            |  | 8003030528          | 50-329 S            |
| Spiegel & McDiarmid   | 8003030183          | 50-305 R            | Tennessee Valley Authority   | 8003040459          | 50-390 S            |
|   | 8003030081          | 50-498 M            |  | 8003040592          | 50-296 S            |
|   | 8003030081          | 50-498 M            |  | 8003040601          | 50-296 S            |
|   | 8003030110          | 50-498 M            |  |                     |                     |
|   |                     |                     |  |                     |                     |

## CORPORATE SOURCE INDEX

439

| AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
|                       | 8003040607          | 50-259 S            |                       | 8003180353*         | 50-259 P            |
|                       | 8003040614*         | 50-259 S            |                       | 8003180353*         | 50-259 P            |
|                       | 8003050299          | 50-438 A            |                       | 8003180372          | 50-518 S            |
|                       | 8003050299          | 50-438 A            |                       | 8003180377*         | 50-518 S            |
|                       | 8003050307*         | 50-438 A            |                       | 8003180378          | 50-259 R            |
|                       | 8003050307*         | 50-438 A            |                       | 8003180378          | 50-259 R            |
|                       | 8003050437          | 50-390 S            |                       | 8003180380*         | 50-259 R            |
|                       | 8003050437          | 50-390 S            |                       | 8003180420          | 50-438 A            |
|                       | 8003050441*         | 50-390 S            |                       | 8003180527          | 50-260 S            |
|                       | 8003050441*         | 50-390 S            |                       | 8003180531          | 50-260 S            |
|                       | 8003050443          | 50-327 A            |                       | 8003180536*         | 50-260 S            |
|                       | 8003050448          | 50-518 H            |                       | 8003180537          | 50-260 S            |
|                       | 8003050450          | 50-259 S            |                       | 8003180541          | 50-259 S            |
|                       | 8003050453*         | 50-259 S            |                       | 8003180543*         | 50-260 S            |
|                       | 8003050461          | 50-438 S            |                       | 8003180544*         | 50-260 S            |
|                       | 8003060074          | 71-6144             |                       | 8003180547*         | 50-259 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180557          | 50-276 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180565*         | 50-276 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180594          | 50-259 S            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180598*         | 50-259 S            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180605          | 50-390 Q            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180610          | 50-259 S            |
|                       | 8003070355          | 50-260 S            |                       | 8003180611          | 50-259 S            |
|                       | 8003070358*         | 50-260 S            |                       | 8003180617*         | 50-259 S            |
|                       | 8003070372          | 50-260 S            |                       | 8003180618*         | 50-259 S            |
|                       | 8003070374*         | 50-260 S            |                       | 8003180620          | 50-438 S            |
|                       | 8003100013          | 50-259 Q            |                       | 8003180620          | 50-438 S            |
|                       | 8003100015          | 50-259 Q            |                       | 8003180624*         | 50-438 S            |
|                       | 8003110468          | 50-327 R            |                       | 8003180624*         | 50-438 S            |
|                       | 8003110595          | 50-327 S            |                       | 8003190004          | 40-1341             |
|                       | 8003110596*         | 50-327 S            |                       | 8003190121*         | 50-553 Q            |
|                       | 8003110597          | 50-327 S            |                       | 8003190179*         | 50-327 Q            |
|                       | 8003110597          | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110599*         | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110599*         | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110621          | 50-260 S            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110644          | 50-328 A            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110660          | 50-327 P            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110678          | 50-276 S            |                       | 8003190532          | 50-327 J            |
|                       | 8003110683*         | 50-276 S            |                       | 8003190576*         | 50-553 Q            |
|                       | 8003110719*         | 50-260 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120371          | 71-6204             |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120415          | 50-259 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120420*         | 50-259 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120473          | TDPREP              |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120490          | 50-390 S            |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120490          | 50-390 S            |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120493*         | 50-390 S            |                       | 8003200336          | 50-259 Q            |
|                       | 8003120493*         | 50-390 S            |                       | 8003200461          | 50-327 S            |
|                       | 8003120495          | 50-518 S            |                       | 8003200472*         | 50-327 S            |
|                       | 8003120495          | 50-518 S            |                       | 8003210097          | 50-259 Q            |
|                       | 8003120495          | 50-518 S            |                       | 8003210097          | 50-259 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210176          | 50-327 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210272*         | 50-259 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210374          | 50-518 S            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210376*         | 50-518 S            |
|                       | 8003120571          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120571          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120572          | 50-438 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003120579*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120579*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120761          | 50-259 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003130657          | 50-390 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003130657          | 50-390 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003140368*         | 50-518 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003170319          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170319          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170326*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170326*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170336          | 50-553 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170340*         | 50-553 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170460          | 50-259 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170463*         | 50-259 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170479          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170479          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170480          | 50-259 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170482*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170482*         | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003170483*         | 50-259 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003180352          | 50-259 P            |                       | 8003210387          | 50-259 P            |
|                       | 8003180352          | 50-259 P            |                       | 8003210387          | 50-259 P            |
|                       | 8003180352          | 50-259 P            |                       | 8003210387          | 50-259 P            |
|                       | 8003180353*         | 50-259 P            |                       | 8003210387          | 50-259 P            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                                      | 8003240483*         | 50-390 S            |  | 8003280634          | 50-445 H            |
|                                      | 8003240483*         | 50-390 S            | Texas, State of                          | 8003190639*         | 50-445 H            |
|                                      | 8003240487          | 50-553 H            |  | 8003260641          | 50-446 A            |
|                                      | 8003240494          | 50-259 P            | Texas, Univ of, Dallas                   | 8003140081*         | COMMISSION          |
|                                      | 8003250108*         | 50-390 Q            | Thorne Ecological Institute              | 8003120450*         | 50-267 R            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003250139*         | 50-259 Q            | Three Mile Island Alert                  | 8003040691          | 50-289 Q            |
|                                      | 8003250139*         | 50-259 Q            |  | 8003130171          | 50-289 Q            |
|                                      | 8003250139*         | 50-259 Q            |  | 8003240001          | 50-289 Q            |
|                                      | 8003260131*         | 50-259 Q            | Toledo Edison Co                         | 7811130230*         | 50-346 H            |
|                                      | 8003260131*         | 50-259 Q            |  | 7910310125*         | 50-346 Q            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260369          | 50-259 F            |  | 8003040168          | 50-346 R            |
|                                      | 8003260478          | 50-438 S            |  | 8003040172*         | 50-346 R            |
|                                      | 8003260478          | 50-438 S            |  | 8003040471          | 50-346 R            |
|                                      | 8003260480          | 50-259 P            |  | 8003040482          | 50-346 P            |
|                                      | 8003260480          | 50-259 P            |  | 8003040579          | 50-346 S            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260494          | 50-438 S            |  | 8003040590*         | 50-346 S            |
|                                      | 8003260494          | 50-438 S            |  | 8003040597          | 50-346 S            |
|                                      | 8003260502*         | 50-438 S            |  | 8003040603*         | 50-346 S            |
|                                      | 8003260502*         | 50-438 S            |  | 8003040609          | 50-346 S            |
|                                      | 8003260531          | 50-390 S            |  | 8003040616*         | 50-346 S            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260532          | 50-390 S            |  | 8003070089*         | 50-346 Q            |
|                                      | 8003260532          | 50-390 S            |  | 8003100133          | 50-346 P            |
|                                      | 8003260535*         | 50-390 S            |  | 8003110559          | 50-346 S            |
|                                      | 8003260535*         | 50-390 S            |  | 8003110562*         | 50-346 S            |
|                                      | 8003260566          | 50-260 S            |  | 8003110566          | 50-346 S            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260579*         | 50-260 S            |  | 8003110567*         | 50-346 S            |
|                                      | 8003260600          | 50-327 P            |  | 8003110607*         | 50-283 S            |
|                                      | 8003260630          | 50-438 S            |  | 8003110626          | 50-346 S            |
|                                      | 8003260630          | 50-438 S            |  | 8003110628*         | 50-346 S            |
|                                      | 8003260637*         | 50-438 S            |  | 8003110635          | 50-346 S            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260637*         | 50-438 S            |  | 8003110637*         | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003110684          | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003110685*         | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003130461          | 50-346 R            |
|                                      | 8003260646          | 50-518 S            |  | 8003130467*         | 50-346 R            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003260648*         | 50-518 S            |  | 8003140286          | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003140330*         | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003170401          | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003180339          | 50-346 P            |
|                                      | 8003270073          | 50-259 Q            |  | 8003180350          | 50-346 P            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003270073          | 50-259 Q            |  | 8003180361          | 50-346 P            |
|                                      | 8003270073          | 50-259 Q            |  | 8003180364*         | 50-346 P            |
|                                      | 8003280322          | 40-1341             |  | 8003180502          | 50-346 S            |
|                                      | 8003280326*         | 40-1341             |  | 8003180508*         | 50-346 S            |
|                                      | 8003280452          | 50-390 S            |  | 8003210442          | 50-346 P            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003280452          | 50-390 S            |  | 8003240385          | 50-346 P            |
|                                      | 8003280454*         | 50-390 S            |  | 8003280460          | 50-346 Q            |
|                                      | 8003280454*         | 50-390 S            |  | 8003280471          | 50-346 P            |
|                                      | 8003280485          | 50-328 A            |  | 8003280475          | 50-346 P            |
|                                      | 8003280548          | 50-259 P            |  | 8003280482          | 50-346 S            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003310140          | 50-327 A            |  | 8003280496*         | 50-346 S            |
|                                      | 8003310141*         | 50-327 A            |  | 8003280508          | 50-346 S            |
|                                      | 8003310267          | 50-438 A            |  | 8003280538*         | 50-346 S            |
|                                      | 8003310308          | 50-327 P            |  | 8003280560          | 50-346 P            |
|                                      | 8003310312*         | 50-327 P            |  | 8003280623          | 50-346 Q            |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003310356          | 50-566 Q            |  | 8003310146          | 50-346 R            |
| Tennessee, State of                  | 8003130271          | State Prog          |  | 8003310151*         | 50-346 R            |
| Texas Instruments, Inc               | 8003200278*         | 50-367 R            | Transnuclear, Inc                        | 8003050267          | 70-2478             |
| Texas Public Interest Research Group | 8003140101          | 50-466 Q            |  | 8003120382          | XPORLILC            |
|                                      | 8003140105          | 50-466 Q            |  | 8003120677          | XPORLILC            |
|                                      |                     |                     |  |                     |                     |
| Texas Tech Univ                      | 8003170118          | MISC                |  | 8003130400          | 71-9120             |
|                                      | 8003200133*         | 70-754              |  | 8003260096          | 71-250              |
| Texas Utilities Generating Co        | 8003030183          | 50-445 M            |  | 8003260103*         | 71-250              |
|                                      | 8003040712*         | 50-445 Q            |  | 8003260146*         | FOIA                |
|                                      | 8003050292          | 50-445 K            |  | 8003260160*         | FOIA                |
|                                      |                     |                     |  |                     |                     |
|                                      | 8003120706          | 50-445 Q            |  | 8003280317          | XPORLILC            |
|                                      | 8003180389          | 50-445 A            |  | 8003280330*         | XPORLILC            |
|                                      | 8003180389          | 50-445 A            |  | 8003310246          | 70-2478             |
|                                      | 8003180509          | 50-445 A            | Transportation, Dept of, Federal Highway | 8003200296          | 70-572              |
|                                      | 8003180509          | 50-445 A            | Administration                           |                     |                     |
|                                      |                     |                     | U S Naval Academy                        | 8003050642          | NUREG               |
|                                      | 8003190070          | 50-445 S            |  |                     |                     |
|                                      | 8003190070          | 50-445 S            | U S Pipe & Foundry Co                    | 8003240179          | 71-376              |
|                                      | 8003190084*         | 50-445 S            |  | 8003240185*         | 71-376              |
|                                      | 8003190084*         | 50-445 S            | US Steel Corp                            | 8003310160*         | 50-320 H            |
|                                      | 8003190093          | 50-445 S            | Union 76 Minerals Exploration Co         | 8003170021          | 40-8348             |
|                                      |                     |                     |  | 8003170064          | 40-8584             |
|                                      | 8003200619*         | 50-445 Q            |  |                     |                     |
|                                      | 8003240173          | 50-445 M            |  | 8003190075          | 40-8584             |
|                                      | 8003240173          | 50-445 M            |  | 8003190105          | 40-8348             |
|                                      | 8003240173          | 50-445 M            | Union Carbide Corp                       | 8003040010*         | 70-687              |
|                                      | 8003240173          | 50-445 M            |  | 8003050559          | 40-299              |
|                                      |                     |                     |  | 8003130068          | PR                  |
|                                      | 8003260277          | 50-445 M            |  |                     |                     |
|                                      | 8003260277          | 50-445 M            | Union Electric Co                        | 7906140095          | MISC                |
|                                      | 8003260277          | 50-445 M            |  | 8003040018*         | 50-483 Q            |
|                                      | 8003260277          | 50-445 M            |  | 8003110623          | 50-483 A            |
|                                      | 8003270270          | 50-445 M            |  | 8003210500          | 50-483 F            |

## CORPORATE SOURCE INDEX

441

| AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Union of Concerned Scientists                                  | 8003060494*         | 50-289 Q            |                       | 8003040682*         | 50-339 A            |
|  | 8003060499*         | 50-289 Q            |                       | 8003040682*         | 50-339 A            |
|  | 8003100196          | 50-574 Q            |                       | 8003050203          | 50-280 P            |
|  | 8003200122          | 50-3 P              |                       | 8003050203          | 50-280 P            |
|  | 8003200175*         | 10CFR               |                       | 8003050207*         | 50-280 P            |
|  | 8003200211*         | 10CFR               |                       | 8003050337*         | 50-338 Q            |
|  | 8003240613          | 50-289 Q            |                       | 8003050337*         | 50-338 Q            |
| United Engineers & Constructors, Inc<br>(subs of Raytheon Co.) | 8003120635*         | 50-129 P            |                       | 8003060569          | 50-280 Q            |
|  | 8003130188*         | 50-324 Q            |                       | 8003060580          | 50-338 S            |
|  | 8003130449*         | 50-286 P            |                       | 8003060585*         | 50-338 S            |
|  | 8003140200*         | QA999               |                       | 8003060588          | 50-280 S            |
|  | 8003240376          | RE000               |                       | 8003060595*         | 50-280 S            |
| United Kingdom   | 8003280250          | XPORTLIC            |                       | 8003070091          | 50-280 Q            |
| United Nuclear Corp  | 8003030334          | 40-B602             |                       | 8003110011          | 50-280 R            |
|  | 8003030341*         | 40-B602             |                       | 8003110050          | 50-338 S            |
|  | 8003140099          | 40-8728             |                       | 8003110056*         | 50-338 S            |
|  | 8003140109*         | 40-8728             |                       | 8003110560          | 50-280 Q            |
|  | 8003140117*         | 40-8728             |                       | 8003110560          | 50-280 Q            |
|  | 8003200018          | WASTE MOT           |                       | 8003110560          | 50-280 Q            |
|  | 8003260089          | 70-371              |                       | 8003110723          | 50-280 P            |
| United Nuclear Corp, UNC Recovery<br>Systems Div               | 8003050202          | 70-820              |                       | 8003120349          | 50-339 S            |
|  | 8003140131          | 70-820              |                       | 8003120477          | 50-404 Q            |
|  | 8003240064          | 70-820              |                       | 8003120477          | 50-404 Q            |
|  | 8003240216*         | 70-820              |                       | 8003120598          | 50-339 S            |
|  | 8003310200          | 70-820              |                       | 8003140226          | 50-339 A            |
| United Nuclear Corp, Naval Products Div.                       | 8003030041*         | 70-371              |                       | 8003140230          | 50-338 P            |
|  | 8003310127          | 70-371              |                       | 8003140236*         | 50-338 P            |
|  | 8003310129*         | 70-371              |                       | 8003140388          | 50-338 S            |
|  | 8003140463          | 40-8728             |                       | 8003140393*         | 50-338 S            |
| United Nuclear Corp, Teton Exploration<br>Drilling, Inc Div.   | 8003140466*         | 40-8728             |                       | 8003170204          | 50-338 P            |
|  | 8003170001          | 40-8728             |                       | 8003170347          | 50-280 S            |
| Utah, State of   | 8003170102          | FR                  |                       | 8003170333*         | 50-280 S            |
| Vermont Yankee Nuclear Power Corp                              | 8003040313          | 50-271 Q            |                       | 8003170337*         | 50-280 S            |
|  | 8003040469          | 50-271 S            |                       | 8003170363*         | 50-280 S            |
|  | 8003040476*         | 50-271 S            |                       | 8003170363*         | 50-280 S            |
|  | 8003040611          | 50-271 P            |                       | 8003170369          | 50-338 S            |
|  | 8003050293          | 50-271 Q            |                       | 8003170375*         | 50-338 S            |
|  | 8003050353          | 50-271 F            |                       | 8003170461          | 50-339 S            |
|  | 8003060350          | 50-271 S            |                       | 8003170481          | 50-280 F            |
|  | 8003060356*         | 50-271 S            |                       | 8003170481          | 50-280 F            |
|  | 8003170245*         | 50-271 P            |                       | 8003180254          | 50-339 A            |
|  | 8003170263          | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170265*         | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170362          | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170365*         | 50-271 R            |                       | 8003180454          | 50-280 R            |
|  | 8003180314          | 50-271 P            |                       | 8003180459*         | 50-280 R            |
|  | 8003180351          | 50-271 S            |                       | 8003180546          | 50-338 R            |
|  | 8003180359*         | 50-271 S            |                       | 8003180550*         | 50-338 R            |
|  | 8003190644          | 50-271 P            |                       | 8003180584          | 50-338 S            |
|  | 8003190645*         | 50-271 P            |                       | 8003180590*         | 50-338 S            |
|  | 8003200254          | 50-271 E            |                       | 8003180603          | 50-339 A            |
|  | 8003200493          | 50-271 P            |                       | 8003190470          | 50-339 A            |
|  | 8003210361          | 50-271 S            |                       | 8003190520          | 50-339 S            |
|  | 8003210366*         | 50-271 S            |                       | 8003190648          | 50-339 A            |
|  | 8003210370          | 50-271 P            |                       | 8003190650*         | 50-339 A            |
|  | 8003240436          | 50-271 F            |                       | 8003200393          | 50-338 P            |
|  | 8003280466          | 50-271 P            |                       | 8003200393          | 50-338 P            |
|  | 8003310296          | 50-271 P            |                       | 8003210137*         | 50-338 Q            |
|  | 8003310298*         | 50-271 P            |                       | 8003210197          | 50-339 A            |
|  | 8003310372          | 50-271 I            |                       | 8003210309          | 50-339 A            |
|  | 8003060757*         | 50-131 Q            |                       | 8003210326          | 50-280 Q            |
| Vet. Admin Hosp. Omaha, NE                                     | 7910160322          | 50-320 P            |                       | 8003210331          | 50-338 K            |
| Villanova Univ   | 8003030406          | 50-338 P            |                       | 8003210331          | 50-338 K            |
| Virginia Electric & Power Co                                   | 8003030450          | 50-280 S            |                       | 8003210337*         | 50-338 K            |
|  | 8003030455*         | 50-280 S            |                       | 8003210337*         | 50-338 K            |
|  | 8003030548          | 50-280 S            |                       | 8003210422          | 50-338 F            |
|  | 8003030554*         | 50-280 S            |                       | 8003210459          | 50-338 S            |
|  | 8003040268          | 50-404 F            |                       | 8003210461*         | 50-338 S            |
|  | 8003040423          | 50-281 P            |                       | 8003210466          | 50-280 Q            |
|  | 8003040450          | 50-280 Q            |                       | 8003240297          | 50-404 Q            |
|  | 8003040501          | 50-280 R            |                       | 8003240297          | 50-404 Q            |
|  | 8003040501          | 50-280 R            |                       | 8003240423          | 50-339 S            |
|  | 8003040622          | 50-338 S            |                       | 8003240445          | 50-338 S            |
|  | 8003040627          | 50-338 S            |                       | 8003240468*         | 50-338 S            |
|  | 8003040629*         | 50-338 S            |                       | 8003240473*         | 50-338 S            |
|  | 8003040634*         | 50-338 S            |                       | 8003240499          | 50-280 Q            |
|  | 8003040636          | 50-280 S            |                       | 8003240501          | 50-338 S            |
|  | 8003040640          | 50-280 S            |                       | 8003240505*         | 50-338 S            |
|  | 8003040644*         | 50-280 S            |                       | 8003240511          | 50-339 S            |
|  | 8003040650*         | 50-280 S            |                       | 8003240616*         | 50-338 Q            |
|  | 8003040664          | 50-339 A            |                       | 8003250351          | 50-280 P            |
|  | 8003040664          | 50-339 A            |                       | 8003260346          | 50-339 S            |
|  |                     |                     |                       | 8003260416          | 50-280 P            |
|  |                     |                     |                       | 8003270310          | 50-280 S            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|--------------------------------------|---------------------|---------------------|
|  | 8003270315*         | 50-280 S            |                                      | 8003050204          | XPORTLIC            |
|  | 8003280491          | 50-281 S            |                                      | 8003060755          | 50-374 Q            |
|  | 8003280495          | 50-338 P            |                                      | 8003070256          | XPORTLIC            |
|  | 8003280497*         | 50-281 S            |                                      | 8003110569          | TOPREP              |
|  | 8003280551          | 50-281 P            |                                      | 8003120422          | TOPREP              |
|  | 8003310237          | 50-338 P            |                                      | 8003130001          | 71-4400             |
|  | 8003310243*         | 50-338 P            |                                      | 8003130228          | XPORTLIC            |
|  | 8003310301          | 50-338 S            |                                      | 8003130573          | TOPREP              |
|  | 8003310307*         | 50-338 S            |                                      | 8003170458          | TOPREP              |
|  | 8003310377          | 50-339 H            |                                      | 8003180217          | TOPREP              |
|  | 8003310388          | 50-339 A            |                                      | 8003180228*         | TOPREP              |
| Virginia, State of                               | 8003310424*         | 50-280 Q            |                                      | 8003180333*         | 50-537 A            |
|  | 8003210335          | PR                  |                                      | 8003180533          | TOPREP              |
|  | 8003250475          | PR                  |                                      | 8003190224          | 70-1143             |
|  | 8003260101*         | FOIA                |                                      | 8003190775          | 71-9032             |
| Virginia, Univ of                                | 8003060218*         | 50-62 Q             |                                      | 8003200118          | PR                  |
| Vallen, R J                                      | 8003190611          | 50-367 Q            |                                      | 8003200149*         | 10CFR               |
|  | 8003240208          | 50-367 Q            |                                      | 8003210426*         | 50-338 P            |
|  | 8003240214*         | 50-367 Q            |                                      | 8003240259          | 70-1151             |
|  | 8003260443          | 50-367 Q            |                                      | 8003250397*         | 50-485 S            |
|  | 8003310096          | 50-367 Q            |                                      | 8003250407          | 70-1151             |
| Walter Kilde & Co., Inc                          | 8003050615*         | 50-271 F            |                                      | 8003270368          | TOPREP              |
|  | 8003050619*         | 50-271 F            |                                      | 8003280183          | XPORTLIC            |
|  | 8003050622*         | 50-271 F            |                                      | 8003280206          | XPORTLIC            |
| Washington Public Power Supply System            | 8003060534          | 50-397 A            |                                      | 8003280527          | 50-282 P            |
|  | 8003100057          | 50-508 Q            | Westinghouse Electric Corp., Wyoming | 8003040084          | 40-8502             |
|  | 8003100084          | 50-508 Q            | Mineral Corp                         |                     |                     |
|  | 8003110223          | 50-460 Q            |                                      | 8003120737          | 40-8502             |
|  | 8003110329          | 50-508 Q            |                                      | 8003130236          | 40-8502             |
|  | 8003120517          | 50-397 Q            |                                      | 8003190011          | 40-8304             |
|  | 8003120522          | 50-397 Q            |                                      | 8003210199          | 40-8304             |
|  | 8003120744          | 50-397 Q            |                                      | 8003240168          | 40-8502             |
|  | 8003130816          | 50-397 Q            |                                      | 8003280144          | 40-8302             |
|  | 8003140257*         | 50-508 S            | Westinghouse Operating Plants Owners | 8003170258          | TOPREP              |
|  | 8003140262*         | 50-508 S            | Group                                |                     |                     |
|  | 8003170137          | 50-460 Q            |                                      | 8003180499          | TOPREP              |
|  | 8003170142          | 50-397 Q            |                                      | 8003240440          | TOPREP              |
|  | 8003170151          | 50-397 Q            | Weston Geophysical Corp              |                     |                     |
|  | 8003240522          | 50-397 S            | Widoff, Reager, Selkowitz & Adler    | 8003050459*         | 50-277 P            |
|  | 8003240526*         | 50-397 S            |                                      | 8003040691          | 50-289 Q            |
|  | 8003250344          | 50-508 A            |                                      | 8003130171          | 50-289 Q            |
|  | 8003260489          | NUREG               |                                      | 8003240001          | 50-289 Q            |
|  | 8003270441          | 50-508 Q            | Wirth Associates, Inc                | 8003210046*         | FOIA                |
|  | 8003270453          | 50-508 Q            |                                      |                     |                     |
|  | 8003280060          | 50-397 Q            | Wisconsin Electric Power Co          | 8003030505*         | 50-266 Q            |
|  | 8003280065          | 50-460 Q            |                                      | 8003030516          | 50-266 P            |
|  | 8003280065          | 50-460 Q            |                                      | 8003050502          | 50-266 P            |
|  | 8003280069          | 50-508 Q            |                                      | 8003060547          | 50-266 R            |
|  | 8003280090          | 50-460 Q            |                                      | 8003060547          | 50-266 R            |
|  | 8003280090          | 50-460 Q            |                                      | 8003060549*         | 50-266 R            |
|  | 8003280114          | 50-397 Q            |                                      | 8003070357          | 50-266 R            |
| Washington Star                                  | 8003310017*         | 50-397 T            |                                      | 8003070357*         | 50-266 R            |
|  | 8003030015          | FOIA                |                                      | 8003070359*         | 50-266 R            |
| Washington Univ                                  | 8003030034          | FOIA                |                                      | 8003070359*         | 50-266 R            |
|  | 8003180490          | 50-27 F             |                                      | 8003110649          | 50-266 Q            |
| Washington, State of                             | 8003070237          | PR                  |                                      | 8003170416          | 50-301 S            |
|  | 8003070304          | 50-522 H            |                                      | 8003170421*         | 50-301 S            |
|  | 8003200004          | WASTE MGT           |                                      | 8003180408          | 50-301 Q            |
|  | 8003310219          | State Prog          |                                      | 8003180514          | 50-301 P            |
| Washington, Univ of                              | 8003200029*         | CONTRACT            |                                      | 8003180538          | 50-266 R            |
|  | 8003200368          | NUREG               |                                      | 8003180542*         | 50-266 R            |
| Well, P E  | 8003240249*         | CONTRACT            |                                      | 8003190573          | 50-266 P            |
| Westchester County, NY                           | 8003240066*         | 50-3 Q              |                                      | 8003200434          | 50-301 S            |
|  | 8003240066*         | 50-3 Q              |                                      | 8003200441*         | 50-301 S            |
|  | 8003240066*         | 50-3 Q              |                                      | 8003240593*         | 50-266 Q            |
|  | 8003240066*         | 50-3 Q              |                                      | 8003260372          | 50-266 P            |
|  | 8003240074*         | 50-3 Q              |                                      | 8003310401          | 50-266 Q            |
|  | 8003240074*         | 50-3 Q              | Wisconsin Power & Light Co           | 8003030197*         | 50-305 R            |
| West Texas Legal Services                        | 8003040697          | 50-445 Q            |                                      | 8003050496*         | 50-305 R            |
|  | 8003040697          | 50-445 Q            | Wisconsin Public Service Corp        | 8003030197*         | 50-305 R            |
|  | 8003040703*         | 50-445 Q            |                                      | 8003050458          | 50-305 S            |
|  | 8003040703*         | 50-445 Q            |                                      | 8003050464*         | 50-305 S            |
|  | 8003190883*         | 50-445 Q            |                                      | 8003050467*         | 50-305 S            |
| Westchester Peoples Action Coalition, Inc        | 8003170099          | 50-3 Q              |                                      | 8003050491          | 50-305 R            |
| Westech  | 8003130449*         | 50-286 P            |                                      | 8003050496*         | 50-305 R            |
|  |                     |                     |                                      | 8003060559          | 50-305 S            |
| Western Nuclear, Inc (subs of Phelps Dodge Corp) | 8003270120          | 40-1162             |                                      | 8003060562*         | 50-305 S            |
|  | 8002130552          | TOPREP              |                                      | 8003110680          | 50-305 S            |
|  | 8002130572*         | TOPREP              |                                      | 8003110682*         | 50-305 S            |
|  | 8003040055*         | 70-1143             |                                      | 8003180494          | 50-305 P            |
|  | 8003050036          | 70-1143             |                                      | 8003180560          | 50-305 R            |
|  | 8003050038*         | 70-1143             |                                      | 8003180564*         | 50-305 R            |
|  | 8003050053          | XPORTLIC            |                                      | 8003180636          | 50-305 R            |
|  | 8003050161          | 70-1181             |                                      | 8003250211          | 50-305 Q            |
|  | 8003050173          | XPORTLIC            |                                      | 8003250449          | 50-305 P            |
|  |                     |                     |                                      | 8003260545          | 50-305 S            |

## CORPORATE SOURCE INDEX

443

| AUTHOR<br>AFFILIATION            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------------------------|---------------------|---------------------|---------------------------|---------------------|---------------------|
|                                  | 8003260589          | 50-305 S            | Yankee Atomic Electric Co | 8003030415          | 50-29 P             |
|                                  | 8003260608*         | 50-305 S            |                           | 8003030417*         | 50-29 P             |
|                                  | 8003260616*         | 50-305 S            |                           | 8003040110          | PR                  |
|                                  | 8003260621*         | 50-305 S            |                           | 8003040277          | 50-29 P             |
|                                  | 8003260625*         | 50-305 S            |                           | 8003040405          | 50-29 J             |
|                                  | 8003270376          | 50-305 P            |                           | 8003040560          | 50-29 S             |
|                                  | 8003280463          | 50-305 P            |                           | 8003040568*         | 50-29 S             |
|                                  | 8003310105*         | 50-266 H            |                           | 8003050452          | 50-29 P             |
|                                  | 8003310311          | 50-305 S            |                           | 8003070046          | PR                  |
|                                  | 8003310316*         | 50-305 S            |                           | 8003120575          | 50-29 P             |
| Wisconsin's Environmental Decade | 8003040514          | 50-266 O            |                           | 8003120575          | 50-29 P             |
|                                  | 8003050263          | 50-266 O            |                           | 8003130496          | 50-29 R             |
|                                  | 8003060535          | 50-266 H            |                           | 8003130499*         | 50-29 R             |
| Woodward-Clyde Consultants, Inc. | 8003140143          | 50-266 O            |                           | 8003140214          | 50-29 P             |
|                                  | 8003160476*         | 50-3 R              |                           | 8003170253          | 50-29 P             |
| Wyoming Mineral Corp             | 8003120731          | 40-8502             |                           | 8003170423          | 50-29 R             |
|                                  | 8003190797          | 40-8502             |                           | 8003170425*         | 50-29 R             |
|                                  | 8003190828          | 40-8502             |                           | 8003200191*         | 100PR               |
|                                  | 8003210193          | 40-8502             |                           | 8003210576*         | 50-271 P            |
| Wyoming, State of                | 8003130649          | 40-8721             |                           | 8003240309          | 50-29 P             |
|                                  | 8003200006          | 40-4492             |                           | 8003240450          | 50-29 P             |
|                                  | 8003240059          | 40-8502             |                           | 8003240455*         | 50-29 P             |
|                                  | 8003250483          | 40-8380             |                           | 8003250053          | 50-29 S             |
|                                  | 8003270113*         | 40-1162             |                           | 8003250549          | 50-29 J             |
|                                  | 8003280660          | 40-4492             |                           | 8003310247          | 50-29 I             |



# REPORT NUMBER INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| REPORT<br>NUMBER    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER | REPORT<br>NUMBER    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER |
|---------------------|---------------------|---------------------|------------------------|---------------------|---------------------|---------------------|------------------------|
| 07-80-02 R2         | 8003180495*         | 50-302              | P                      | EPA-520/4-79-007 VC | 8003180146          | PR                  |                        |
| 257HA718            | 8003050504*         | 50-227              | F                      | EPA-520/6-78-007-B  | 8003180161          | PR                  |                        |
| 320158              | 8003140242*         | 50-255              | F                      | EPA-520/6-78-007-B  | 8003180166          | PR                  | EPA 520/6-78-07        |
| 420-79 127          | 8003050228*         | 50-133              | R                      | EPA-520/6-78-007-B  | 8003180170          | PR                  |                        |
| 420-79 85           | 8003050221*         | 50-133              | R                      | EPA-520/9-73-003-B  | 8003110128          | PR                  | PB235804               |
| 79-4                | 8003140375*         | 50-395              | R                      | EPA-520/9-73-003-B  | 8003180186          | PR                  |                        |
| 8003120618          | 8003120618          | RES                 |                        | EPA-520/9-73-003-C  | 8003110027          | PR                  | PB235805               |
| 8003120623          | 8003120623          | RES                 |                        | EPA-520/9-73-003-C  | 8003180266          | PR                  |                        |
| 8003120627          | 8003120627          | RES                 |                        | EPA-520/9-73-003-D  | 8003110032          | PR                  |                        |
| 8003120634          | 8003120634          | RES                 |                        | EPA-520/9-73-003-D  | 8003180178          | PR                  |                        |
| 8003120639          | 8003120639          | RES                 |                        | ERDA-1537           | 8003110023          | PR                  |                        |
| 8003120657          | 8003120657          | RES                 |                        | ERDA-77-42/1 V1     | 8003110037          | PR                  |                        |
| 8003130680          | 8003130680          | RES                 |                        | ERDA-77-42/2        | 8003110057          | PR                  |                        |
| 8003170148          | 8003170148          | RES                 |                        | ERDA-77-43          | 8003110058          | PR                  |                        |
| 8003180641          | 8003180641          | RES                 |                        | ERDA-77-44          | 8003180250          | PR                  |                        |
| 8003240092          | 8003240092          | RES                 |                        | ETR-1001 RB         | 8003180327*         | TOPREP              |                        |
| 8003260430          | 8003260430          | RES                 |                        | QA-A13010A          | 8003100201*         | TOPREP              |                        |
| 8003260436          | 8003260436          | RES                 |                        | QA-D13369 V2        | 8003190488*         | 50-267              | P                      |
| 8003260449          | 8003260449          | RES                 |                        | QA-D13369V1         | 8003190483*         | 50-267              | P                      |
| 8003260650          | 8003260650          | RES                 |                        | QAI-TR-106 R2A      | 8003240399*         | TOPREP              |                        |
| 8003260652          | 8003260652          | RES                 |                        | IC1979              | 8003270425*         | TOPREP              |                        |
| 8003270170          | 8003270170          | RES                 |                        | INTS-MF-5010 V2     | 8003180260          | PR                  |                        |
| 8003270358          | 8003270358          | RES                 |                        | JPA-111-013-01      | 8003140239*         | 50-70               | P                      |
| 8003280566          | 8003280566          | RES                 | ORNL/ED/EIS-120        | JPL 77-59 V1        | 8003180269          | PR                  |                        |
| 8003280572          | 8003280572          | RES                 | ORNL/ED/EID-119        | JPL 77-59 V2        | 8003180275          | PR                  |                        |
| 8003280575          | 8003280575          | RES                 |                        | LA-6741-HS          | 8003110043          | PR                  | UC41                   |
| 8003280577          | 8003280577          | RES                 | ORNL/ED/EID-121        | LBL-7022            | 8003180226          | PR                  | T18-4500-R66           |
| 8003310152          | 8003310152          | RES                 |                        | LBL-7052            | 8003110038          | PR                  | SAC-02                 |
| 8003310155          | 8003310155          | RES                 |                        | LBL-7062            | 8003180241          | PR                  |                        |
| 81A0036 R1          | 8003210489*         | 50-409              | F                      | LBL-7073            | 8003110033          | PR                  | SAC-10                 |
| ACNP-66541          | 8003180371*         | 50-409              | G                      | LBL-7073            | 8003180237          | PR                  | SAC-10                 |
| ANL-78-46           | 8003180202          | PR                  | W-31-107-ENG-38        | LBL-7082 V1         | 8003110044          | PR                  |                        |
| ANL-78-8            | 8003110041          | PR                  |                        | LBL-7082 V2         | 8003180281          | PR                  | SAC-09                 |
| ANL-79-30           | 8003110052          | PR                  |                        | N18 17-1973         | 8003070114*         | ACRS                |                        |
| ARH-2888            | 8003110042          | PR                  |                        | NEDO-10905-3        | 8003040319*         | TOPREP              |                        |
| B-600-366-79        | 8003190328*         | TOPREP              |                        | NEDO-24081          | 8003100219*         | 50-277              | P                      |
| BAW-10143           | 8003250292*         | TOPREP              |                        | NEDO-24081          | 8003100224*         | 50-277              | P                      |
| BAW-1568            | 8003180210*         | 50-270              | P                      | NEDO-24146A         | 8003270372*         | 50-249              | P                      |
| BAW-1607            | 8003280276*         | 50-302              | P                      | NEDO-24146A         | 8003240471*         | 50-237              | P 79NED273             |
| BAW-1610            | 8003040498*         | 50-302              | P                      | NEDO-24231          | 8003100215*         | 50-277              | P                      |
| BAW-1610            | 8003060415*         | TOPREP              |                        | NEDO-24237          | 8003100227*         | 50-277              | P BONED256             |
| BAW-381             | 8003310193*         | 70-824              | 15508                  | NEDO-24242          | 8003110034*         | 50-333              | P BONED260             |
| BNWL-2051 PART 2    | 8003110039          | PR                  |                        | NEDO-24708 S1       | 8003240324*         | TOPREP              |                        |
| BVTR-1-0A           | 8003060584*         | TOPREP              |                        | NES 81A0028         | 8003200466*         | 50-409              | P                      |
| CFC-1-A V1 R8       | 8003170160*         | TOPREP              |                        | NLG-63 R1           | 8003310046*         | 71-244              | 15554                  |
| CRBRP-3 V2          | 8003310164*         | 50-537              | A                      | NBAC-3              | 8003140392*         | 50-302              | P INPD-1               |
| DOE/EIS-0023        | 8003110031          | PR                  | DDE/EIS 0023           | NUREQ-0020 V4 N1    | 8003170143          | NUREQ               |                        |
| DOE/ER-0004/D       | 8003110066          | PR                  |                        | NUREQ-0054          | 8003060448          | 50-437              | E                      |
| DOE/ET-0094         | 8003180220          | PR                  |                        | NUREQ-0054          | 8003100046*         | 50-437              | E                      |
| DP-1543             | 8003250157*         | 70-754              |                        | NUREQ-0330 V4 N1    | 8003250593          | NUREQ               |                        |
| DP-1544             | 8003100130*         | 70-1237             |                        | NUREQ-0380 V4 N2    | 8003100177          | NUREQ               |                        |
| EPA-520/4-76-017    | 8003110036          | PR                  | PB 259 857             | NUREQ-0386 S1       | 8003140128          | NUREQ               |                        |
| EPA-520/4-76-017    | 8003180205          | PR                  | EPA 520/4-76-01        | NUREQ-0460 V4       | 8003270076          | NUREQ               |                        |
| EPA-520/4-79-007 VA | 8003180149          | PR                  | EPA 68-01-4470         | NUREQ-0543          | 8003110309          | NUREQ               |                        |
| EPA-520/4-79-007 VB | 8003180263          | PR                  |                        | NUREQ-0565          | 8003060454          | NUREQ               |                        |



## REPORT NUMBER INDEX

| REPORT<br>NUMBER | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER | REPORT<br>NUMBER | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER |
|------------------|---------------------|---------------------|------------------------|------------------|---------------------|---------------------|------------------------|
| NUREG-0565       | 8003100231          | NUREG               |                        | NUREG/CR-1341    | 8003250270          | NUREG               |                        |
| NUREG-0620       | 8003170009*         | 50-327 P            |                        | NUREG/CR-1362    | 8003250168          | NUREG               | E00-EA-5092            |
| NUREG-0626       | 8003110204          | NUREG               |                        | NVO-185 R1       | 8003310492          | PR                  |                        |
| NUREG-0627       | 8003250163          | 70-135              |                        | ORNL-9           | 8003110053          | PR                  |                        |
| NUREG-0628       | 8003120399          | NUREG               |                        | ORNL-TM-3619     | 8003110009          | PR                  |                        |
| NUREG-0630       | 8003170371*         | 50-320 P            |                        | ORNL-TM-3965     | 8003110015          | PR                  |                        |
| NUREG-0635       | 8003110317          | NUREG               |                        | ORNL-TM-4224     | 8003110006          | PR                  |                        |
| NUREG-0645 V1    | 8003140205          | NUREG               |                        | ORNL-TM-4631     | 8003110019          | PR                  |                        |
| NUREG-0645 V2    | 8003140212*         | NUREG               |                        | ORNL/ENG/TM-3/A1 | 8003210227*         | 71-5597             |                        |
| NUREG-0646       | 8003040292          | NUREG               |                        | ORP/CBD 79-1     | 8003180214          | PR                  |                        |
| NUREG-0649       | 8003250462          | NUREG               |                        | ORP/CBD-77-2     | 8003180246          | PR                  | ORP/CBD 77-2           |
| NUREG-0656       | 8003140133          | NUREG               |                        | ORP/CBD-78-2     | 8003180230          | PR                  |                        |
| NUREG-0657       | 8003180210          | NUREG               |                        | ORP/TAD-78/2     | 8003180209          | PR                  | ORP/TAD-78-2           |
| NUREG-0658       | 8003170012*         | 50-327 P            |                        | PGE-1006-79      | 8003110586*         | 50-344 R            |                        |
| NUREG-0660       | 8003240590*         | 50-320 P            |                        | PNL-2965         | 8003060097*         | 70-1143             | UC-20E                 |
| NUREG-0662       | 8003280641          | 50-320 P            |                        | PNL-2984         | 8003070148*         | 70-1143             | UC-20E                 |
| NUREG-0663       | 8003270152*         | 50-280 P            |                        | PR-256 903       | 8003180144          | PR                  |                        |
| NUREG/CR-0114    | 8003180256          | PR                  | ORNL/NUREG/TM-8        | RIL-068          | 8003190500          | RES                 |                        |
| NUREG/CR-0318    | 8003310101*         | FOIA                | PNL-2494               | SAND77-1816      | 8003110014          | PR                  |                        |
| NUREG/CR-0497    | 8003250415          | NUREG               | TREE-1280 R1           | SAND79-0831 V1   | 8003110018          | PR                  |                        |
| NUREG/CR-0619    | 8003040254          | NUREG               | BNL-NUREG-5095         | SAND79-0831 V2   | 8003110029          | PR                  |                        |
| NUREG/CR-0642    | 8003040336          | NUREG               |                        | SECY-75-324      | 8003260487*         | SECY                |                        |
| NUREG/CR-0749    | 8003260453          | NUREG               | PNL-3075               | SECY-79-296      | 8003050133*         | 10CFR               |                        |
| NUREG/CR-0795    | 8003260133          | NUREG               |                        | SECY-79-296A     | 8003050128*         | 10CFR               |                        |
| NUREG/CR-0797    | 8003030224          | NUREG               | PNL-2975               | SECY-79-3300     | 8003140155          | SECY                |                        |
| NUREG/CR-0803    | 8003200368          | NUREG               |                        | SECY-79-481      | 8003200234          | SECY                |                        |
| NUREG/CR-0897    | 8003030221          | NUREG               | BNL-NUREG-51026        | SECY-79-804A     | 8003040130          | SECY                |                        |
| NUREG/CR-0867    | 8003120427          | NUREG               | BNL-NUREG-51030        | SECY-79-653A     | 8003210014          | SECY                |                        |
| NUREG/CR-0933    | 8003120210          | NUREG               | BNL-NUREG-51025        | SECY-79-660      | 8003200115*         | 10CFR               |                        |
| NUREG/CR-0977    | 8003250174          | NUREG               |                        | SECY-80-022      | 8003050139*         | 10CFR               |                        |
| NUREG/CR-1037    | 8003040333          | NUREG               | BNL-NUREG-51023        | SECY-80-025      | 8003050116*         | 10CFR               |                        |
| NUREG/CR-1039    | 8003200322          | NUREG               | ORNL/NUREG/TM-3        | SECY-80-039      | 8003260484          | SECY                |                        |
| NUREG/CR-1053    | 8003040248          | NUREG               |                        | SECY-80-044      | 8003200105*         | 10CFR               |                        |
| NUREG/CR-1060    | 8003100129          | NUREG               |                        | SECY-80-047      | 8003310352          | SECY                |                        |
| NUREG/CR-1064    | 8003040323          | NUREG               |                        | SECY-80-061      | 8003200091*         | 10CFR               |                        |
| NUREG/CR-1081    | 8003250394          | NUREG               | FDDU-218-2             | SECY-80-063      | 8003190687          | SECY                |                        |
| NUREG/CR-1099    | 8003250385          | NUREG               | PNL-3177               | SECY-80-064      | 8003050095*         | 10CFR               |                        |
| NUREG/CR-1127    | 8003250425          | NUREG               | NRL 4121               | SECY-80-065      | 8003190691          | SECY                |                        |
| NUREG/CR-1127    | 8003170123          | NUREG               |                        | SECY-80-074      | 8003050089*         | 10CFR               |                        |
| NUREG/CR-1128    | 8003040327          | NUREG               |                        | SECY-80-075      | 8003190578          | SECY                |                        |
| NUREG/CR-1140 V1 | 8003200346          | NUREG               | UCRL-52712             | SECY-80-077      | 8003200075*         | 50-280 Q            |                        |
| NUREG/CR-1140 V2 | 8003250459          | NUREG               | UCRL-52712             | SECY-80-078      | 8003250182*         | 10CFR               |                        |
| NUREG/CR-1145    | 8003270245*         | NUREG               | E00-2007               | SECY-80-082      | 8003250190*         | 10CFR               |                        |
| NUREG/CR-1147    | 8003100183          | NUREG               | ORNL/NUREG/TM-3        | SECY-80-098      | 8003250101          | SECY                |                        |
| NUREG/CR-1199    | 8003100199          | NUREG               | LA-8169-HS             | SECY-80-105      | 8003210314          | 50-320 P            |                        |
| NUREG/CR-1201    | 8003100204          | NUREG               | LA-8171-PR             | SECY-A-79-091A   | 8003200475*         | 50-443 Q            |                        |
| NUREG/CR-1204    | 8003120683          | NUREG               | NRC-01-78-012          | STI/PUB-433 V1   | 8003110004          | PR                  |                        |
| NUREG/CR-1213    | 8003050131          | NUREG               | PNL-3077               | STI/PUB-433 V2   | 8003110002          | PR                  |                        |
| NUREG/CR-1236    | 8003250260          | NUREG               | E00-2014               | TDR-139          | 8003310287*         | 50-289 P            | RM-10                  |
| NUREG/CR-1247    | 8003120267          | NUREG               | AT(49-24)-0366         | TID-28817        | 8003180154          | PR                  |                        |
| NUREG/CR-1255    | 8003250390          | NUREG               | BAND79-B058            | TID-28818        | 8003180174          | PR                  |                        |
| NUREG/CR-1258 V1 | 8003250278          | NUREG               | UCID-18123-79-3        | TID-29018        | 8003110035          | PR                  |                        |
| NUREG/CR-1259    | 8003110285          | NUREG               |                        | TR-21A           | 8003250294          | TOPREP              |                        |
| NUREG/CR-1267    | 8003140220          | NUREG               |                        | TR-D-MCM-001     | 8003180183*         | 50-285 P            |                        |
| NUREG/CR-1279    | 8003280652          | NUREG               | UCRL-52729             | UCRL-13934       | 8003110010          | PR                  |                        |
| NUREG/CR-1286    | 8003100188          | NUREG               |                        | USQAO EMD-77-41  | 8003110012          | PR                  |                        |
| NUREG/CR-1290    | 8003050642          | NUREG               |                        | USOS-CIRC-779    | 8003110048          | PR                  |                        |
| NUREG/CR-1313    | 8003190101          | NUREG               | NRC-04-77-011          | VER-0209         | 8003120329*         | 50-409 P            |                        |
| NUREG/CR-1314    | 8003200350          | NUREG               |                        | WARD-D-0210 R1   | 8003180333*         | 50-537 A            | 5737A-650A-1B14        |
| NUREG/CR-1317    | 8003270057          | NUREG               |                        | WASH-1248        | 8003110059          | PR                  |                        |
| NUREG/CR-1319    | 8003140122          | NUREG               | NRC-04-76-293-3        | WCAP-9561        | 8003180228*         | TOPREP              |                        |
| NUREG/CR-1325    | 8003200328          | NUREG               | BNL-NUREG-51147        | WCAP-9662        | 8002130572*         | TOPREP              |                        |
| NUREG/CR-1326    | 8003200316          | NUREG               | BNL-NUREG 51148        | XN-NF-79-78      | 8003110551*         | 50-219 P            |                        |
| NUREG/CR-1328    | 8003200364          | NUREG               | NRC-04-76-315          | YAC-1204         | 8003040197*         | 50-309 P            |                        |
| NUREG/CR-1336    | 8003270064          | NUREG               |                        | YAC-1205         | 8003210576*         | 50-271 P            |                        |
|                  |                     |                     |                        | YAC-1206         | 8003030417*         | 50-29 P             |                        |

## CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

Items listed as enclosures are those indicated by an asterisk following the accession number in the indexes. The second column gives the accession number of the principal document under which the enclosure is listed. Knowing the accession number of the principal document, the date issued and the category enables locating the title listing of the enclosure.

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 7811130230       | 7811130146         | 78/11/03    | 50-346 M         |
| 7906250101       | 7906250091         | 79/05/17    | 50-346 P         |
| 7906250112       | 7906250091         | 79/05/17    | 50-270 P         |
| 7906290617       | 7906290605         | 79/05/24    | MISC             |
| 7909070569       | 7909070562         | 79/08/09    | 50-320 H         |
| 7909270566       | 7909270559         | 79/08/06    | MISC             |
| 7910180096       | 7910180094         | 79/07/17    | MISC             |
| 7910260189       | 7910260186         | 79/10/15    | MISC             |
| 7910260222       | 7910260219         | 79/10/16    | MISC             |
| 7910260224       | 7910260219         | 79/10/16    | MISC             |
| 7910300474       | 7910300471         | 79/10/19    | MISC             |
| 7910310125       | 7910310119         | 79/07/16    | 50-346 Q         |
| 7911060017       | 7911060016         | 79/10/22    | COMMISSION       |
| 7912050382       | 7912050353         | 79/11/30    | 50-458 A         |
| 8002130572       | 8002130552         | 80/02/06    | TOPREP           |
| 8002200068       | 8002200059         | 80/01/18    | 50-369 F         |
| 8002270471       | 8002270464         | 80/01/10    | 70-824           |
| 8002270477       | 8002270464         | 80/01/10    | 70-824           |
| 8002290031       | 8002290027         | 80/01/26    | 50-10 Q          |
| 8002290049       | 8002290044         | 80/01/28    | 50-320 P         |
| 8003030004       | 8003030001         | 80/01/24    | 50-317 Q         |
| 8003030005       | 8003030001         | 80/01/24    | 50-317 Q         |
| 8003030008       | 8003030001         | 80/01/24    | 50-317 Q         |
| 8003030010       | 8003030001         | 80/01/24    | 50-317 Q         |
| 8003030017       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030019       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030024       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030025       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030027       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030032       | 8003030013         | 80/01/21    | 50-317 Q         |
| 8003030041       | 8003030038         | 80/01/18    | 70-371           |
| 8003030045       | 8003030038         | 80/01/18    | 70-371           |
| 8003030047       | 8003030038         | 80/01/18    | 70-371           |
| 8003030049       | 8003030043         | 80/01/23    | MISC             |
| 8003030052       | 8003030038         | 80/01/18    | 70-371           |
| 8003030057       | 8003030051         | 80/01/08    | 50-445 Q         |
| 8003030058       | 8003030055         | 80/02/12    | 50-263 P         |
| 8003030061       | 8003030055         | 80/02/12    | 50-263 P         |
| 8003030063       | 8003030055         | 80/02/12    | 50-263 P         |
| 8003030065       | 8003030055         | 80/02/12    | 50-263 P         |
| 8003030070       | 8003030068         | 80/01/31    | 50-259 P         |
| 8003030074       | 8003030068         | 80/01/31    | 50-259 P         |
| 8003030076       | 8003030073         | 80/02/26    | 50-367 Q         |
| 8003030078       | 8003030073         | 80/02/26    | 50-367 Q         |
| 8003030080       | 8003030068         | 80/01/31    | 50-259 P         |
| 8003030087       | 8003030083         | 80/02/13    | 50-259 P         |
| 8003030089       | 8003030083         | 80/02/13    | 50-259 P         |
| 8003030092       | 8003030083         | 80/02/13    | 50-259 P         |
| 8003030099       | 8003030096         | 80/01/28    | 50-289 P         |
| 8003030104       | 8003030100         | 79/12/28    | 50-322 Q         |

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003030167       | 8003030161         | 80/02/22    | 50-155 Q         |
| 8003030174       | 8003030161         | 80/02/22    | 50-155 Q         |
| 8003030177       | 8003030183         | 80/02/25    | 50-305 R         |
| 8003030206       | 8003030202         | 80/02/29    | 50-393 K         |
| 8003030220       | 8003030214         | 80/02/05    | TOPREP           |
| 8003030235       | 8003030230         | 80/01/30    | 40-6659          |
| 8003030341       | 8003030334         | 80/01/29    | 40-8602          |
| 8003030370       | 8003030365         | 80/02/25    | 50-353 S         |
| 8003030388       | 8003030381         | 80/02/25    | 50-317 S         |
| 8003030399       | 8003030397         | 80/02/22    | 50-316 S         |
| 8003030401       | 8003030400         | 80/02/28    | 50-263 R         |
| 8003030402       | 8003030400         | 80/02/28    | 50-263 R         |
| 8003030410       | 8003030409         | 80/01/04    | 50-369 S         |
| 8003030417       | 8003030415         | 80/02/27    | 50-29 P          |
| 8003030423       | 8003030419         | 80/02/25    | 50-324 S         |
| 8003030442       | 8003030434         | 80/02/20    | 50-324 S         |
| 8003030455       | 8003030450         | 80/02/26    | 50-280 S         |
| 8003030470       | 8003030465         | 80/02/21    | 50-336 S         |
| 8003030474       | 8003030473         | 80/02/22    | 50-331 S         |
| 8003030482       | 8003030478         | 80/02/29    | 50-244 P         |
| 8003030489       | 8003030486         | 80/02/11    | 50-302 S         |
| 8003030499       | 8003030494         | 80/02/27    | 50-334 P         |
| 8003030504       | 8003030494         | 80/02/27    | 50-334 P         |
| 8003030505       | 8003030501         | 80/02/26    | 50-266 Q         |
| 8003030515       | 8003030511         | 80/02/11    | 50-329 S         |
| 8003030528       | 8003030524         | 80/02/12    | 50-329 S         |
| 8003030538       | 8003030532         | 80/02/22    | 50-368 S         |
| 8003030540       | 8003030532         | 80/02/22    | 50-368 S         |
| 8003030554       | 8003030548         | 80/02/26    | 50-280 S         |
| 8003030566       | 8003030558         | 80/02/22    | 50-324 S         |
| 8003030567       | 8003030560         | 80/02/27    | 50-325 S         |
| 8003030568       | 8003030551         | 80/02/29    | 50-321 R         |
| 8003030572       | 8003030563         | 80/02/27    | 50-270 Q         |
| 8003030580       | 8003030571         | 80/02/26    | 50-282 S         |
| 8003030594       | 8003030589         | 80/02/22    | 50-325 S         |
| 8003030621       | 8003030613         | 80/02/03    | 50-320 Q         |
| 8003040007       | 8003040002         | 80/03/03    | 50-289 P         |
| 8003040009       | 8003040005         | 80/02/25    | XPORTRIC         |
| 8003040010       | 8003040003         | 80/02/12    | 70-687           |
| 8003040013       | 8003040004         | 80/01/28    | 50-320 P         |
| 8003040014       | 8003040005         | 80/02/25    | XPORTRIC         |
| 8003040016       | 8003040003         | 80/02/12    | 70-687           |
| 8003040018       | 8003040012         | 80/02/12    | 50-483 Q         |
| 8003040020       | 8003040003         | 80/02/12    | 70-687           |
| 8003040025       | 8003040022         | 80/02/15    | 50-289 Q         |
| 8003040026       | 8003040003         | 80/02/12    | 70-687           |
| 8003040033       | 8003040030         | 80/01/29    | 50-354 S         |
| 8003040034       | 8003040031         | 80/02/07    | 50-272 Q         |
| 8003040038       | 8003040031         | 80/02/07    | 50-272 Q         |
| 8003040041       | 8003040031         | 80/02/07    | 50-272 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003040045       | 8003040031         | 80/02/07    | 50-272           | Q | 8003040614       | 8003040607         | 80/02/27    | 50-259           | S |
| 8003040047       | 8003040044         | 79/08/03    | 70-364           |   | 8003040616       | 8003040609         | 80/02/26    | 50-346           | S |
| 8003040051       | 8003040031         | 80/02/07    | 50-272           | Q | 8003040619       | 8003040608         | 80/02/25    | 50-312           | S |
| 8003040055       | 8003040052         | 79/11/07    | 70-1143          |   | 8003040621       | 8003040615         | 80/02/27    | 50-245           | R |
| 8003040074       | 8003040070         | 80/02/11    | 50-412           | Q | 8003040625       | 8003040620         | 80/02/28    | 50-302           | R |
| 8003040077       | 8003040070         | 80/02/11    | 50-412           | Q | 8003040629       | 8003040622         | 80/02/28    | 50-338           | S |
| 8003040079       | 8003040070         | 80/02/11    | 50-412           | Q | 8003040631       | 8003040623         | 80/02/28    | 50-286           | S |
| 8003040082       | 8003040070         | 80/02/11    | 50-412           | Q | 8003040632       | 8003040620         | 80/02/28    | 50-302           | R |
| 8003040094       | 8003040070         | 79/08/17    | 70-135           |   | 8003040634       | 8003040627         | 80/02/28    | 50-338           | S |
| 8003040095       | 8003040088         | 80/02/11    | CONTRACT         |   | 8003040638       | 8003040620         | 80/02/28    | 50-302           | R |
| 8003040096       | 8003040092         | 80/02/12    | 50-272           | Q | 8003040644       | 8003040636         | 80/02/28    | 50-280           | S |
| 8003040098       | 8003040092         | 80/02/12    | 50-272           | Q | 8003040650       | 8003040640         | 80/02/28    | 50-280           | S |
| 8003040101       | 8003040092         | 80/02/12    | 50-272           | Q | 8003040652       | 8003040642         | 80/02/29    | 50-206           | S |
| 8003040105       | 8003040099         | 80/02/22    | CONTRACT         |   | 8003040655       | 8003040649         | 80/02/28    | 50-302           | S |
| 8003040106       | 8003040092         | 80/02/12    | 50-272           | Q | 8003040661       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040113       | 8003040109         | 80/01/21    | 70-1201          |   | 8003040663       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040118       | 8003040109         | 80/01/21    | 70-1201          |   | 8003040666       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040120       | 8003040112         | 79/11/02    | 70-135           |   | 8003040668       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040128       | 8003040124         | 80/01/21    | 50-77            | Q | 8003040672       | 8003040667         | 80/02/11    | XPORTRIC         |   |
| 8003040134       | 8003040112         | 79/11/02    | 70-135           |   | 8003040673       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040135       | 8003040112         | 79/11/02    | 70-135           |   | 8003040677       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040137       | 8003040112         | 79/11/02    | 70-135           |   | 8003040680       | 8003040675         | 80/02/21    | 50-275           | Q |
| 8003040140       | 8003040112         | 79/11/02    | 70-135           |   | 8003040682       | 8003040664         | 79/10/16    | 50-339           | A |
| 8003040155       | 8003040149         | 80/02/11    | 50-259           | P | 8003040683       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040172       | 8003040168         | 80/02/20    | 50-346           | R | 8003040684       | 8003040675         | 80/02/21    | 50-275           | Q |
| 8003040181       | 8003040176         | 80/02/15    | PROJ             |   | 8003040688       | 8003040659         | 80/02/28    | 50-344           | Q |
| 8003040183       | 8003040178         | 80/02/27    | 50-261           | R | 8003040689       | 8003040675         | 80/02/21    | 50-275           | Q |
| 8003040197       | 8003040193         | 80/02/29    | 50-309           | P | 8003040693       | 8003040675         | 80/02/21    | 50-275           | Q |
| 8003040206       | 8003040201         | 80/02/21    | CONTRACT         |   | 8003040696       | 8003040670         | 80/02/06    | 70-25            |   |
| 8003040218       | 8003040212         | 80/02/26    | 50-275           | F | 8003040699       | 8003040672         | 80/02/28    | 50-289           | Q |
| 8003040223       | 8003040216         | 80/02/14    | 50-327           | H | 8003040705       | 8003040697         | 80/02/11    | 50-445           | Q |
| 8003040228       | 8003040220         | 80/02/20    | 50-498           | Q | 8003040706       | 8003040701         | 80/02/11    | 50-320           | H |
| 8003040230       | 8003040130         | 80/02/05    | SECY             |   | 8003040710       | 8003040701         | 80/02/11    | 50-320           | H |
| 8003040255       | 8003040242         | 80/02/15    | 50-320           | H | 8003040712       | 8003040697         | 80/02/11    | 50-445           | Q |
| 8003040264       | 8003040257         | 80/02/14    | CONTRACT         |   | 8003040716       | 8003040709         | 80/02/28    | 70-1308          |   |
| 8003040265       | 8003040298         | 80/02/22    | 50-206           | R | 8003050015       | 8003050009         | 80/02/15    | 50-320           | Q |
| 8003040305       | 8003040299         | 80/02/26    | 50-298           | P | 8003050016       | 8003050009         | 80/02/15    | 50-320           | Q |
| 8003040314       | 8003040309         | 80/02/29    | TQPREP           |   | 8003050020       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040319       | 8003040309         | 80/02/29    | TQPREP           |   | 8003050026       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040414       | 8003040412         | 80/02/21    | 50-312           | P | 8003050027       | 8003050025         | 79/10/15    | 70-1257          |   |
| 8003040415       | 8003040413         | 80/02/27    | 50-261           | R | 8003050029       | 8003050023         | 80/01/04    | 50-271           | Q |
| 8003040417       | 8003040413         | 80/02/27    | 50-261           | R | 8003050032       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040422       | 8003040420         | 80/02/28    | 50-282           | R | 8003050037       | 8003050030         | 80/02/15    | 50-289           | Q |
| 8003040426       | 8003040420         | 80/02/28    | 50-282           | R | 8003050038       | 8003050036         | 79/10/17    | 70-1143          |   |
| 8003040435       | 8003040431         | 80/02/28    | 50-302           | P | 8003050040       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040443       | 8003040438         | 80/03/01    | 50-298           | R | 8003050045       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040466       | 8003040460         | 80/02/21    | 40-3392          |   | 8003050047       | 8003050034         | 79/12/28    | 50-322           | Q |
| 8003040472       | 8003040468         | 80/02/21    | 50-331           | R | 8003050050       | 8003050044         | 79/09/07    | 70-135           |   |
| 8003040476       | 8003040469         | 80/02/27    | 50-271           | S | 8003050055       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040478       | 8003040474         | 80/02/27    | 50-250           | P | 8003050059       | 8003050056         | 79/07/11    | 70-364           |   |
| 8003040485       | 8003040481         | 80/02/25    | 50-282           | R | 8003050060       | 8003050054         | 80/01/03    | 50-317           | Q |
| 8003040488       | 8003040483         | 80/02/21    | 50-331           | R | 8003050063       | 8003050014         | 80/02/29    | 50-348           | S |
| 8003040496       | 8003040490         | 80/02/29    | 50-329           | S | 8003050067       | 8003050056         | 79/07/11    | 70-364           |   |
| 8003040498       | 8003040484         | 80/02/26    | 50-302           | P | 8003050079       | 8003050072         | 80/01/02    | 50-387           | Q |
| 8003040507       | 8003040501         | 80/02/29    | 50-280           | R | 8003050081       | 8003050077         | 80/02/22    | 71-348           |   |
| 8003040510       | 8003040502         | 80/02/29    | 50-333           | S | 8003050089       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040512       | 8003040504         | 80/02/22    | 50-237           | S | 8003050095       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040522       | 8003040515         | 80/02/29    | 50-348           | R | 8003050097       | 8003050093         | 80/01/15    | 50-546           | Q |
| 8003040523       | 8003040513         | 80/02/28    | 50-316           | S | 8003050098       | 8003050094         | 80/02/02    | 50-546           | Q |
| 8003040526       | 8003040521         | 80/02/28    | 50-373           | A | 8003050100       | 8003050085         | 80/01/24    | 50-245           | Q |
| 8003040534       | 8003040513         | 80/02/28    | 50-316           | S | 8003050102       | 8003050101         | 79/08/01    | 70-135           |   |
| 8003040537       | 8003040527         | 80/02/28    | 50-331           | S | 8003050103       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040539       | 8003040531         | 80/02/25    | 50-249           | S | 8003050104       | 8003050099         | 80/02/08    | 50-387           | Q |
| 8003040543       | 8003040513         | 80/02/28    | 50-316           | S | 8003050105       | 8003050085         | 80/01/24    | 50-245           | Q |
| 8003040548       | 8003040404         | 80/02/26    | 50-295           | R | 8003050106       | 8003050093         | 80/01/15    | 50-546           | Q |
| 8003040554       | 8003040547         | 80/02/19    | 50-265           | S | 8003050107       | 8003050085         | 80/01/24    | 50-245           | Q |
| 8003040555       | 8003040545         | 80/02/26    | 50-366           | S | 8003050110       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040556       | 8003040540         | 80/02/28    | 50-324           | R | 8003050112       | 8003050085         | 80/01/24    | 50-245           | Q |
| 8003040563       | 8003040552         | 80/02/26    | 50-321           | S | 8003050114       | 8003050092         | 79/11/19    | 70-1143          |   |
| 8003040565       | 8003040559         | 80/02/27    | 50-277           | R | 8003050116       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040568       | 8003040560         | 80/02/27    | 50-29            | S | 8003050117       | 8003050109         | 80/02/20    | 50-206           | Q |
| 8003040571       | 8003040564         | 80/02/29    | 50-255           | P | 8003050122       | 8003050109         | 80/02/20    | 50-206           | Q |
| 8003040572       | 8003040561         | 80/02/25    | 50-321           | S | 8003050123       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040576       | 8003040564         | 80/02/29    | 50-255           | P | 8003050124       | 8003050120         | 80/02/20    | CONTRACT         |   |
| 8003040582       | 8003040570         | 80/02/27    | 50-316           | B | 8003050125       | 8003050115         | 80/02/14    | 71-5450          |   |
| 8003040590       | 8003040579         | 80/02/28    | 50-346           | S | 8003050126       | 8003050109         | 80/02/20    | 50-206           | Q |
| 8003040597       | 8003040587         | 80/02/25    | 50-219           | S | 8003050128       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040601       | 8003040592         | 80/02/27    | 50-296           | S | 8003050133       | 8003050073         | 80/02/20    | 10CFR            |   |
| 8003040603       | 8003040594         | 80/02/27    | 50-324           | S | 8003050134       | 8003050132         | 80/02/14    | 50-335           | Q |
| 8003040605       | 8003040597         | 80/02/28    | 50-346           | B |                  |                    |             |                  |   |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

449

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003050135       | 8003050073         | 80/02/20    | 10CFR            | 8003050312       | 8003050503         | 80/02/29    | 50-318 S         |
| 8003050139       | 8003050073         | 80/02/20    | 10CFR            | 8003050516       | 8003050514         | 80/02/29    | 50-155 R         |
| 8003050162       | 8003050154         | 80/02/14    | 70-820           | 8003050544       | 8003050542         | 80/02/28    | TOPREP           |
| 8003050171       | 8003050154         | 80/02/14    | 70-820           | 8003050547       | 8003050543         | 80/02/29    | 50-440 S         |
| 8003050172       | 8003050165         | 80/02/12    | 70-2623          | 8003050563       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050192       | 8003050188         | 80/02/25    | 50-313 R         | 8003050568       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050193       | 8003050187         | 80/02/19    | 50-328 Q         | 8003050576       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050196       | 8003050187         | 80/02/19    | 50-328 Q         | 8003050583       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050200       | 8003050187         | 80/02/19    | 50-328 Q         | 8003050591       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050207       | 8003050203         | 80/03/03    | 50-280 P         | 8003050596       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050218       | 8003050212         | 80/02/29    | 50-133 R         | 8003050600       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050221       | 8003050212         | 80/02/29    | 50-133 R         | 8003050607       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050225       | 8003050216         | 80/02/15    | 50-289 Q         | 8003050611       | 8003050601         | 80/02/11    | 50-10 R          |
| 8003050227       | 8003050222         | 80/02/21    | 71-6697          | 8003050615       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050228       | 8003050212         | 80/02/29    | 50-133 R         | 8003050619       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050235       | 8003050233         | 80/02/20    | 71-5926          | 8003050622       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050236       | 8003050231         | 80/02/22    | 50-275 A         | 8003050629       | 8003050614         | 80/02/15    | 50-289 Q         |
| 8003050241       | 8003050240         | 80/02/14    | 10CFR            | 8003050632       | 8003050624         | 80/02/04    | 50-295 R         |
| 8003050243       | 8003050237         | 80/02/29    | 50-3 R           | 8003050635       | 8003050635         | 80/01/23    | 50-546 Q         |
| 8003050245       | 8003050242         | 80/02/20    | 71-6387          | 8003050647       | 8003050635         | 80/01/23    | 50-546 Q         |
| 8003050247       | 8003050244         | 80/02/22    | 10CFR            | 8003050652       | 8003050648         | 79/12/28    | 50-423 Q         |
| 8003050249       | 8003050238         | 80/02/14    | 50-320 Q         | 8003050659       | 8003050654         | 80/02/22    | 50-329 Q         |
| 8003050254       | 8003050251         | 80/02/22    | 10CFR            | 8003060006       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050255       | 8003050252         | 80/01/14    | XPORTLIC         | 8003060013       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050258       | 8003050253         | 80/02/15    | 50-289 Q         | 8003060021       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050259       | 8003050256         | 80/02/13    | 50-293 Q         | 8003060023       | 8003060022         | 80/02/13    | 50-443 H         |
| 8003050261       | 8003050250         | 80/01/24    | 50-338 Q         | 8003060041       | 8003060036         | 80/02/29    | 50-317 R         |
| 8003050265       | 8003050256         | 80/02/13    | 50-293 Q         | 8003060048       | 8003060044         | 80/01/10    | 70-1319          |
| 8003050269       | 8003050262         | 79/12/28    | 70-371           | 8003060049       | 8003060049         | 80/02/15    | 50-289 S         |
| 8003050271       | 8003050268         | 80/02/20    | 50-338 Q         | 8003060056       | 8003060052         | 79/12/26    | 71-273           |
| 8003050281       | 8003050277         | 80/01/24    | 50-269 Q         | 8003060064       | 8003060058         | 80/02/15    | 50-320 Q         |
| 8003050288       | 8003050285         | 80/01/24    | 50-390 Q         | 8003060070       | 8003060066         | 80/02/19    | 50-482 K         |
| 8003050297       | 8003050291         | 80/01/24    | 50-318 Q         | 8003060078       | 8003060065         | 79/10/23    | 70-734           |
| 8003050305       | 8003050300         | 80/01/17    | 70-33            | 8003060089       | 8003060082         | 80/02/15    | 50-289 Q         |
| 8003050307       | 8003050299         | 79/08/13    | 50-438 A         | 8003060097       | 8003060091         | 79/08/15    | 70-1143          |
| 8003050312       | 8003050300         | 80/01/17    | 70-33            | 8003060109       | 8003060102         | 79/08/28    | 70-364           |
| 8003050316       | 8003050231         | 80/02/22    | 50-275 A         | 8003060112       | 8003060105         | 80/01/23    | 40-1341          |
| 8003050320       | 8003050318         | 79/09/07    | 70-135           | 8003060114       | 8003060102         | 79/08/28    | 70-364           |
| 8003050321       | 8003050231         | 80/02/22    | 50-275 A         | 8003060116       | 8003060107         | 80/02/15    | 50-320 H         |
| 8003050333       | 8003050327         | 80/02/15    | 50-327 Q         | 8003060120       | 8003060106         | 80/01/23    | 40-1341          |
| 8003050335       | 8003050231         | 80/02/22    | 50-275 A         | 8003060128       | 8003060115         | 80/02/15    | 50-289 Q         |
| 8003050337       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060139       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050344       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060143       | 8003060121         | 80/02/04    | PT9              |
| 8003050347       | 8003050231         | 80/02/22    | 50-275 A         | 8003060154       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050349       | 8003050341         | 80/01/21    | 50-348 Q         | 8003060160       | 8003060149         | 80/02/19    | 50-387 U         |
| 8003050352       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060167       | 8003060162         | 80/02/13    | 50-369 Q         |
| 8003050354       | 8003050231         | 80/02/22    | 50-275 A         | 8003060170       | 8003060149         | 80/02/19    | 50-387 U         |
| 8003050359       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060176       | 8003060162         | 80/02/13    | 50-369 Q         |
| 8003050360       | 8003050355         | 80/01/17    | 50-259 Q         | 8003060181       | 8003060175         | 80/01/22    | 50-410 S         |
| 8003050364       | 8003050231         | 80/02/22    | FOIA             | 8003060183       | 8003060174         | 80/02/19    | 50-482 C         |
| 8003050373       | 8003050370         | 80/02/28    | 50-249 S         | 8003060189       | 8003060175         | 80/01/22    | 50-410 S         |
| 8003050374       | 8003050372         | 80/02/28    | 50-348 P         | 8003060207       | 8003060199         | 80/02/04    | 50-355 E         |
| 8003050381       | 8003050377         | 80/02/28    | 50-185 R         | 8003060209       | 8003060197         | 80/02/17    | 50-367 U         |
| 8003050419       | 8003050417         | 80/02/06    | 50-254 R         | 8003060217       | 8003060187         | 80/02/11    | 50-471 Q         |
| 8003050423       | 8003050417         | 80/02/06    | 50-254 R         | 8003060218       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050430       | 8003050426         | 80/02/29    | 50-155 R         | 8003060221       | 8003060211         | 80/02/18    | 50-498 S         |
| 8003050434       | 8003050433         | 80/02/27    | 50-269 F         | 8003060225       | 8003060187         | 80/02/11    | 50-491 Q         |
| 8003050440       | 8003050436         | 80/03/03    | 50-424 S         | 8003060228       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050441       | 8003050437         | 80/02/27    | 50-390 S         | 8003060231       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050445       | 8003050442         | 80/02/26    | 50-269 F         | 8003060235       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050453       | 8003050450         | 80/02/29    | 50-259 S         | 8003060242       | 8003060234         | 80/02/12    | 50-354 S         |
| 8003050454       | 8003050451         | 80/02/29    | 50-318 S         | 8003060244       | 8003060237         | 80/02/13    | 50-269 Q         |
| 8003050457       | 8003050449         | 80/02/29    | 50-348 R         | 8003060248       | 8003060237         | 80/02/13    | 50-269 Q         |
| 8003050459       | 8003050452         | 80/02/29    | 50-297 P         | 8003060255       | 8003060249         | 80/02/22    | 50-289 Q         |
| 8003050460       | 8003050456         | 80/02/29    | 50-285 S         | 8003060261       | 8003060257         | 80/02/26    | 50-255 P         |
| 8003050464       | 8003050458         | 80/02/28    | 50-305 S         | 8003060267       | 8003060246         | 80/02/16    | 50-315 Q         |
| 8003050466       | 8003050462         | 80/02/27    | 50-151 R         | 8003060274       | 8003060263         | 80/01/25    | WABTE MOT        |
| 8003050467       | 8003050458         | 80/02/28    | 50-305 S         | 8003060282       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050468       | 8003050463         | 80/02/28    | 50-142 P         | 8003060287       | 8003060271         | 80/02/14    | 50-289 H         |
| 8003050469       | 8003050465         | 80/02/27    | 50-331 S         | 8003060292       | 8003060280         | 80/01/02    | 50-311 Q         |
| 8003050476       | 8003050472         | 80/03/03    | 50-317 S         | 8003060294       | 8003060288         | 80/02/04    | 50-339 A         |
| 8003050477       | 8003050471         | 80/02/29    | 50-344 R         | 8003060308       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050480       | 8003050474         | 80/02/29    | 50-334 S         | 8003060313       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050482       | 8003050479         | 80/02/28    | 50-324 S         | 8003060320       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050483       | 8003050481         | 80/02/29    | 50-285 R         | 8003060322       | 8003060312         | 80/02/16    | 50-331 Q         |
| 8003050486       | 8003050485         | 80/02/25    | 50-285 S         | 8003060336       | 8003060323         | 79/09/06    | 70-1143          |
| 8003050495       | 8003050490         | 80/02/27    | 50-286 R         | 8003060338       | 8003060329         | 79/12/28    | 50-423 Q         |
| 8003050496       | 8003050491         | 80/03/03    | 50-305 R         | 8003060356       | 8003060347         | 80/02/15    | 50-259 Q         |
| 8003050498       | 8003050497         | 80/02/22    | 50-219 R         | 8003060357       | 8003060350         | 80/02/22    | 50-331 Q         |
| 8003050506       | 8003050504         | 80/02/29    | 50-237 P         | 8003060363       | 8003060347         | 80/02/15    | 50-259 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003060367       | 8003060347         | 80/02/15    | 50-259 Q         | 8003060652       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060376       | 8003060347         | 80/02/15    | 50-259 Q         | 8003060663       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060383       | 8003060374         | 80/02/04    | 50-546 U         | 8003060671       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060386       | 8003060370         | 80/02/08    | FOIA             | 8003060675       | 8003060668         | 80/01/24    | 50-250 Q         |
| 8003060390       | 8003060379         | 79/11/05    | 70-1100          | 8003060680       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060391       | 8003060374         | 80/02/04    | 50-546 U         | 8003060686       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060396       | 8003060370         | 80/02/08    | FOIA             | 8003060690       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060404       | 8003060400         | 80/02/04    | 50-346 U         | 8003060691       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060406       | 8003060402         | 80/02/21    | 50-445 M         | 8003060692       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060411       | 8003060370         | 80/02/08    | FOIA             | 8003060693       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060414       | 8003060370         | 80/02/08    | FOIA             | 8003060695       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060415       | 8003060410         | 80/01/10    | TDPREP           | 8003060696       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060418       | 8003060409         | 80/02/07    | 50-352 U         | 8003060699       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060419       | 8003060370         | 80/02/08    | FOIA             | 8003060701       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060422       | 8003060416         | 80/01/10    | 50-267 Q         | 8003060702       | 8003060698         | 80/02/19    | CONTRACT         |
| 8003060425       | 8003060421         | 80/02/22    | 50-324 R         | 8003060708       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060428       | 8003060416         | 80/01/10    | 50-267 Q         | 8003060712       | 8003060637         | 80/02/21    | 50-265 S         |
| 8003060430       | 8003060370         | 80/02/08    | FOIA             | 8003060720       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060434       | 8003060370         | 80/02/08    | FOIA             | 8003060722       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060435       | 8003060426         | 80/02/21    | 50-352 U         | 8003060726       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060437       | 8003060420         | 80/02/08    | 50-322 Q         | 8003060727       | 8003060637         | 80/02/21    | 50-265 S         |
| 8003060438       | 8003060432         | 80/02/13    | 50-331 P         | 8003060728       | 8003060713         | 80/02/13    | 50-416 Q         |
| 8003060442       | 8003060432         | 80/02/13    | 50-331 P         | 8003060730       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060443       | 8003060436         | 80/01/24    | 40-8188          | 8003060734       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060446       | 8003060440         | 80/01/26    | 50-288 Q         | 8003060735       | 8003060729         | 80/02/25    | 50-387 Q         |
| 8003060447       | 8003060436         | 80/01/24    | 40-8188          | 8003060739       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060450       | 8003060432         | 80/02/13    | 50-331 P         | 8003060742       | 8003060736         | 80/02/17    | XPORTRIC         |
| 8003060452       | 8003060436         | 80/01/24    | 40-8188          | 8003060744       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060453       | 8003060441         | 80/02/14    | 50-352 U         | 8003060757       | 8003060751         | 80/02/13    | 50-131 Q         |
| 8003060459       | 8003060441         | 80/02/14    | 50-352 U         | 8003060763       | 8003060753         | 80/02/25    | 50-155 Q         |
| 8003060460       | 8003060451         | 80/02/06    | 50-508 Q         | 8003060769       | 8003060761         | 80/02/05    | 50-460 Q         |
| 8003060476       | 8003060462         | 80/02/22    | 50-320 Q         | 8003070007       | 8003070002         | 80/01/21    | 50-275 Q         |
| 8003060477       | 8003060467         | 80/02/21    | 50-389 Q         | 8003070014       | 8003070011         | 80/01/28    | 50-312 Q         |
| 8003060485       | 8003060479         | 80/02/29    | 50-255 R         | 8003070032       | 8003070030         | 80/02/22    | 50-247 H         |
| 8003060486       | 8003060480         | 80/01/04    | 50-318 R         | 8003070043       | 8003070042         | 80/02/14    | 50-293 F         |
| 8003060490       | 8003060488         | 80/02/29    | 50-255 R         | 8003070050       | 8003070047         | 79/11/09    | 70-1143          |
| 8003060494       | 8003060492         | 80/02/25    | 50-289 Q         | 8003070061       | 8003070057         | 80/02/22    | 50-249 P         |
| 8003060497       | 8003060470         | 80/02/06    | 50-275 U         | 8003070066       | 8003070057         | 80/02/22    | 50-269 P         |
| 8003060499       | 8003060492         | 80/02/25    | 50-289 Q         | 8003070073       | 8003070057         | 80/02/22    | 50-269 P         |
| 8003060504       | 8003060496         | 80/01/09    | 50-317 Q         | 8003070089       | 8003070086         | 80/02/16    | 50-346 Q         |
| 8003060505       | 8003060501         | 80/02/01    | MISC             | 8003070096       | 8003070094         | 80/01/29    | 50-296 Q         |
| 8003060510       | 8003060508         | 80/02/13    | NUREG            | 8003070114       | 8003070110         | 79/10/03    | ACRS             |
| 8003060515       | 8003060514         | 80/02/06    | 50-568 U         | 8003070148       | 8003070145         | 79/08/15    | 70-1143          |
| 8003060520       | 8003060517         | 80/02/11    | 50-361 M         | 8003070167       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060524       | 8003060523         | 80/02/29    | 50-320 R         | 8003070172       | 8003070154         | 80/02/22    | 70-B             |
| 8003060526       | 8003060525         | 80/02/29    | 50-387 K         | 8003070173       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060527       | 8003060525         | 80/02/29    | 50-387 K         | 8003070175       | 8003070170         | 80/01/18    | 50-410 S         |
| 8003060530       | 8003060528         | 80/02/28    | 50-409 R         | 8003070179       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060532       | 8003060528         | 80/02/28    | 50-409 R         | 8003070221       | 8003070186         | 80/02/15    | 50-320 Q         |
| 8003060538       | 8003060535         | 80/02/29    | 50-255 R         | 8003070239       | 8003070233         | 80/03/04    | 50-331 P         |
| 8003060546       | 8003060544         | 80/03/03    | 50-263 P         | 8003070253       | 8003070251         | 80/03/03    | 50-255 F         |
| 8003060549       | 8003060547         | 80/02/27    | 50-266 R         | 8003070273       | 8003070271         | 80/02/15    | MISC             |
| 8003060551       | 8003060537         | 80/03/03    | 50-272 S         | 8003070275       | 8003070271         | 80/02/15    | MISC             |
| 8003060554       | 8003060553         | 80/02/27    | TDPREP           | 8003070277       | 8003070271         | 80/02/15    | MISC             |
| 8003060556       | 8003060550         | 80/03/03    | 50-271 S         | 8003070285       | 8003070283         | 80/02/07    | 50-272 Q         |
| 8003060560       | 8003060557         | 80/02/26    | 50-312 S         | 8003070288       | 8003070283         | 80/02/07    | 50-272 Q         |
| 8003060562       | 8003060557         | 80/02/29    | 50-305 S         | 8003070296       | 8003070291         | 79/11/26    | ACRS             |
| 8003060563       | 8003060561         | 80/02/19    | MISC             | 8003070298       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060566       | 8003060561         | 80/02/19    | MISC             | 8003070299       | 8003070297         | 80/02/14    | MISC             |
| 8003060567       | 8003060558         | 80/03/03    | 50-272 S         | 8003070301       | 8003070291         | 79/11/26    | ACRS             |
| 8003060572       | 8003060570         | 80/03/03    | 50-272 S         | 8003070302       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060575       | 8003060568         | 80/02/20    | COMMISSION       | 8003070303       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060581       | 8003060577         | 80/02/28    | 50-334 R         | 8003070305       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060582       | 8003060578         | 80/02/28    | 50-321 P         | 8003070307       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060585       | 8003060580         | 80/03/03    | 50-338 S         | 8003070309       | 8003070306         | 80/02/27    | 70-1151          |
| 8003060587       | 8003060583         | 80/02/26    | 50-312 S         | 8003070314       | 8003070310         | 80/02/28    | 70-2842          |
| 8003060594       | 8003060591         | 80/02/29    | 50-213 S         | 8003070318       | 8003070315         | 80/02/29    | 50-331 R         |
| 8003060595       | 8003060585         | 80/03/03    | 50-280 S         | 8003070322       | 8003070319         | 80/02/25    | 50-255 Q         |
| 8003060602       | 8003060597         | 80/02/29    | 50-316 S         | 8003070326       | 8003070323         | 80/02/28    | 50-406 Q         |
| 8003060603       | 8003060596         | 80/03/03    | 50-272 S         | 8003070337       | 8003070334         | 80/03/01    | 50-309 S         |
| 8003060608       | 8003060605         | 80/02/29    | 50-219 S         | 8003070338       | 8003070331         | 80/03/03    | 50-336 S         |
| 8003060613       | 8003060609         | 80/02/26    | 50-244 P         | 8003070341       | 8003070340         | 80/02/29    | 50-312 Q         |
| 8003060614       | 8003060604         | 80/02/22    | 50-410 H         | 8003070348       | 8003070344         | 80/02/28    | 50-280 R         |
| 8003060616       | 8003060609         | 80/02/26    | 50-244 P         | 8003070350       | 8003070349         | 80/02/29    | 50-277 R         |
| 8003060623       | 8003060618         | 80/01/18    | 50-397 Q         | 8003070354       | 8003070352         | 80/03/03    | 50-302 S         |
| 8003060625       | 8003060609         | 80/02/26    | 50-244 P         | 8003070358       | 8003070355         | 80/03/03    | 50-260 S         |
| 8003060638       | 8003060630         | 80/02/07    | 50-123 Q         | 8003070359       | 8003070357         | 80/02/27    | 50-266 R         |
| 8003060643       | 8003060630         | 80/02/07    | 50-123 Q         | 8003070362       | 8003070360         | 80/02/29    | 50-287 S         |
| 8003060644       | 8003060637         | 80/02/21    | 50-254 S         | 8003070365       | 8003070364         | 80/02/21    | 50-333 R         |
| 8003060649       | 8003060647         | 79/07/12    | ACRS             | 8003070369       | 8003070367         | 80/03/01    | 50-293 R         |

## CORPORATE SOURCE INDEX

419

| AUTHOR<br>AFFILIATION                                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|---|---------------------|---------------------|
|   | 8003050499          | 50-317 P            |   | 8003130291*         | 50-344 Q            |
|   | 8003050503          | 50-318 S            |   | 8003130308*         | 50-344 Q            |
|   | 8003050512*         | 50-318 S            |   | 8003190107*         | 50-482 S            |
|   | 8003050537          | 50-317 P            |   | 8003240603          | REG00               |
|   | 8003060036          | 50-317 R            | Benjamin F. Shaw Co. (subs. of Blount, Inc.)    | 8003130351*         | QA999               |
|   | 8003060036          | 50-317 R            |   |                     |                     |
|   | 8003060041*         | 50-317 R            | Bethlehem Steel Corp.                           | 8003200476          | REG00               |
|   | 8003060041*         | 50-317 R            | Black & Veatch                                  | 8003060553          | TOPREP              |
|   | 8003060282*         | 50-317 Q            |   | 8003060554*         | TOPREP              |
|   | 8003060540          | 50-317 J            | Black Hills Alliance                            | 8003280148          | 40-4492             |
|   |                     |                     | Bowling Co.                                     | 8003190504*         | 50-320 H            |
|   | 8003110365          | 50-318 S            |   |                     |                     |
|   | 8003170190          | 50-317 P            |   | 8003280129          | 71-372              |
|   | 8003170410          | 50-317 J            |   | 8003280131*         | 71-372              |
|   | 8003170456          | 50-317 S            | Bowling Construction Co. (subs. of Bowling Co.) | 8003130028*         | 50-320 H            |
|   | 8003170459*         | 50-317 S            |   |                     |                     |
|   | 8003190485          | 50-317 R            | Bonneville Power Administration                 | 8003280013          | 50-344 Q            |
|   | 8003190485          | 50-317 R            | Borg-Warner Corp.                               | 8003240069          | 50-368 S            |
|   | 8003190491*         | 50-317 R            |   |                     |                     |
|   | 8003190491*         | 50-317 R            |   | 8003240069          | 50-368 S            |
|   | 8003190526          | 50-318 S            |   | 8003240069          | 50-368 S            |
|   |                     |                     |   | 8003240069          | 50-368 S            |
|   | 8003190531*         | 50-318 S            |   | 8003240078*         | 50-368 S            |
|   | 8003200239          | 50-317 P            |   |                     |                     |
|   | 8003200446          | 50-318 S            |   | 8003240078*         | 50-368 S            |
|   | 8003200452*         | 50-318 S            |   | 8003240078*         | 50-368 S            |
|   | 8003200593          | PR                  |   | 8003240078*         | 50-368 S            |
|   |                     |                     | Borgess Hosp. Kalamazoo, MI                     | 8003260083*         | FOIA                |
|   | 8003240626          | REG00               |   |                     |                     |
|   | 8003250303          | 50-318 P            |   |                     |                     |
|   | 8003260390          | 50-317 F            | Boston College                                  | 8003280353*         | CONTRACT            |
|   | 8003260617          | 50-318 S            | Boston Edison Co.                               | 8003030323          | 50-293 J            |
|   | 8003260623*         | 50-318 S            |   | 8003040062          | 50-293 Q            |
|   |                     |                     |   | 8003040906          | 50-293 Q            |
|   | 8003270191          | PR                  |   | 8003060539          | 50-293 S            |
|   | 8003270399          | 50-317 K            |   |                     |                     |
|   | 8003270399          | 50-317 K            |   | 8003070367          | 50-293 R            |
|   | 8003270403*         | 50-317 K            |   | 8003070369*         | 50-293 R            |
|   | 8003270403*         | 50-317 K            |   | 8003100132          | 50-293 F            |
|   |                     |                     |   | 8003110077          | 50-293 S            |
|   | 8003280240          | 50-318 P            |   | 8003110085*         | 50-293 S            |
| Baltimore, MD   | 8003240542          | 50-320 T            |   |                     |                     |
| Battelle Memorial Institute                               | 8003110053          | PR                  |   | 8003110090*         | 50-293 S            |
| Battelle Memorial Institute, Columbus Laboratories        | 8003140007          | TOPREP              |   | 8003110098*         | 50-293 S            |
|   |                     |                     |   | 8003110594          | 50-293 P            |
|   | 8003140010*         | TOPREP              |   | 8003110601*         | 50-293 P            |
|   |                     |                     |   | 8003120588          | 50-293 Q            |
|   | 8003140015*         | TOPREP              |   |                     |                     |
|   | 8003140122          | NUREG               |   | 8003120715          | 50-293 Q            |
|   | 8003310152          | REG                 |   | 8003170374          | 50-293 F            |
| Battelle Memorial Institute, Pacific Northwest Laboratory | 8003030224          | NUREG               |   | 8003170388          | 50-293 F            |
|   |                     |                     |   | 8003180601          | 50-293 F            |
|   | 8003050131          | NUREG               |   | 8003190394*         | 50-293 Q            |
|   |                     |                     |   |                     |                     |
|   | 8003050205          | 70-984              |   | 8003190495          | 50-293 R            |
|   | 8003060097*         | 70-1143             |   | 8003190497*         | 50-293 R            |
|   | 8003070148*         | 70-1143             |   | 8003200128*         | 10CFR               |
|   | 8003110039          | PR                  |   | 8003240467          | 50-293 S            |
|   | 8003180161          | PR                  |   | 8003240472*         | 50-293 S            |
|   |                     |                     |   |                     |                     |
|   | 8003180166          | PR                  |   | 8003250392          | 50-293 P            |
|   | 8003180170          | PR                  |   | 8003250527          | 50-293 R            |
|   | 8003200453          | NUREG               |   | 8003250531*         | 50-293 R            |
|   | 8003240303          | TOPREP              |   | 8003260642          | 50-293 P            |
|   | 8003250385          | NUREG               |   | 8003270321          | 50-293 F            |
|   |                     |                     |   |                     |                     |
|   | 8003260436          | REG                 |   | 8003270324          | 50-293 S            |
|   | 8003260647          | REG                 |   | 8003270327*         | 50-293 S            |
|   | 8003280375          | REG                 | Brookhaven National Laboratory                  |                     |                     |
|   | 8003310101*         | FOIA                |   | 8003030221          | NUREG               |
| Bear Creek Uranium Co.                                    | 8003050573          | 40-8452             |   | 8003040234          | NUREG               |
|   |                     |                     |   | 8003040333          | NUREG               |
|   |                     |                     |   |                     |                     |
|   | 8003130142          | 40-8452             |   | 8003050363          | 50-317 F            |
|   | 8003280602*         | 40-8452             |   | 8003050367          | 50-263 F            |
|   | 8003280657          | 40-8452             |   | 8003050424          | 50-237 F            |
| Bechtel Associates Professional Corp.                     | 8003040496*         | 50-329 S            |   | 8003050475          | 50-309 F            |
| Bechtel Corp.   | 8003130581*         | 50-255 P            |   | 8003050478          | 50-263 F            |
|   |                     |                     |   |                     |                     |
|   | 8003130585*         | 50-255 P            |   | 8003060750          | TOPREP              |
|   | 8003130587*         | 50-255 P            |   | 8003110546          | 50-317 F            |
|   | 8003130590*         | 50-255 P            |   | 8003120210          | NUREG               |
|   | 8003130592*         | 50-255 P            |   | 8003120427          | NUREG               |
|   | 8003130599*         | 50-255 P            |   | 8003140003          | 50-317 F            |
|   |                     |                     |   |                     |                     |
|   | 8003310322*         | 50-416 K            |   | 8003170148          | REG                 |
|   | 8003310326*         | 50-416 K            |   | 8003170247          | 50-309 F            |
|   | 8003310332*         | 50-416 K            |   | 8003170250          | 50-333 F            |
|   | 8003310336*         | 50-416 K            |   | 8003170255          | 50-266 F            |
|   | 8003310340*         | 50-416 K            |   | 8003170285          | 50-409 F            |
|   |                     |                     |   |                     |                     |
|   | 8003310347*         | 50-416 K            |   | 8003170286          | TOPREP              |
|   | 8003310353*         | 50-416 K            |   | 8003170289          | 50-245 F            |
|   | 8003310360*         | 50-416 K            |   | 8003170293          | 50-213 F            |
|   | 8003310365*         | 50-416 K            |   | 8003170294          | 50-331 F            |
| Bechtel Power Corp. (subs. of Bechtel Corp.)              | 8003130237*         | 50-344 Q            |   | 8003170296          | TOPREP              |
|   |                     |                     |   |                     |                     |
|   |                     |                     |   | 8003170310          | TOPREP              |
|   | 8003130252*         | 50-344 Q            |   | 8003170317          | 50-219 P            |
|   | 8003130284*         | 50-344 Q            |   | 8003170320          | TOPREP              |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
|  | 8003170331          | TOPREP              |                       | 8003030594*         | 50-325 S            |
|  | 8003170342          | 50-213 F            |                       | 8003030612          | 50-400 A            |
|  | 8003170348          | 50-213 F            |                       | 8003040178          | 50-261 R            |
|  | 8003170355          | 50-213 F            |                       | 8003040183*         | 50-261 R            |
|  | 8003170366          | 50-213 F            |                       | 8003040413          | 50-261 R            |
|  | 8003170377          | 50-263 F            |                       | 8003040415*         | 50-261 R            |
|  | 8003170387          | 50-336 F            |                       | 8003040417*         | 50-261 R            |
|  | 8003170420          | TOPREP              |                       | 8003040540          | 50-324 R            |
|  | 8003170432          | TOPREP              |                       | 8003040540          | 50-324 R            |
|  | 8003170436          | 50-289 F            |                       | 8003040556*         | 50-324 R            |
|  | 8003170437          | 50-344 F            |                       | 8003040594          | 50-324 S            |
|  | 8003170443          | 50-336 F            |                       | 8003040603*         | 50-324 S            |
|  | 8003170466          | 50-317 F            |                       | 8003050384          | 50-255 F            |
|  | 8003170488          | 50-10 F             |                       | 8003050479          | 50-324 S            |
|  | 8003180467          | 50-237 F            |                       | 8003050482*         | 50-324 S            |
|  | 8003180492          | 50-331 F            |                       | 8003060421          | 50-324 R            |
|  | 8003180575          | TOPREP              |                       | 8003060421          | 50-324 R            |
|  | 8003180600          | 50-295 F            |                       | 8003060425*         | 50-324 R            |
|  | 8003180608          | 50-285 F            |                       | 8003060571          | 50-261 Q            |
|  | 8003180622          | 50-254 H            |                       | 8003070280          | 50-324 J            |
|  | 8003200316          | NUREG               |                       | 8003070280          | 50-324 J            |
|  | 8003200328          | NUREG               |                       | 8003070287          | 50-261 J            |
|  | 8003210444          | 50-271 F            |                       | 8003070292          | 50-324 J            |
|  | 8003210448          | 50-295 F            |                       | 8003070292          | 50-324 J            |
|  | 8003250526          | 50-331 F            |                       | 8003070382          | 50-261 J            |
|  | 8003280495          | 50-29 F             |                       | 8003100026          | 50-324 Q            |
| Brown & Root Corp (subs of Halliburton Corp) | 8003240644          | REGD                |                       | 8003100232          | 50-327 A            |
| Bruce Norton                                 | 8003280003          | 50-275 Q            |                       | 8003110523          | 50-325 S            |
| C-E Operating Plants Owners Group            | 8003050435          | NUREG               |                       | 8003110527*         | 50-325 S            |
|  | 8003050542          | TOPREP              |                       | 8003110619          | 50-400 S            |
|  | 8003110606          | TOPREP              |                       | 8003110619          | 50-400 S            |
| C-E Power Systems                            | 8003050585          | TOPREP              |                       | 8003110619          | 50-400 S            |
|  | 8003120361          | 71-6294             |                       | 8003110624          | 50-400 S            |
|  | 8003130632          | 70-1100             |                       | 8003110624          | 50-400 S            |
|  | 8003130660          | 70-1100             |                       | 8003110624          | 50-400 S            |
|  | 8003140004          | 70-1100             |                       | 8003110624          | 50-400 S            |
|  | 8003270319          | 70-36               |                       | 8003110668          | 50-324 S            |
|  | 8003270320*         | 70-36               |                       | 8003110671*         | 50-324 S            |
|  | 8003310121          | 70-1100             |                       | 8003120537          | 50-324 S            |
|  | 8003310207          | 70-36               |                       | 8003120548*         | 50-324 S            |
| C F Braun & Co                               | 8003250294          | TOPREP              |                       | 8003130185          | 50-324 Q            |
| California Institute of Technology           | 8003180269          | PR                  |                       | 8003130194*         | 50-324 Q            |
|  | 8003180275          | PR                  |                       | 8003130220          | 50-324 Q            |
| California, State of                         | 8003030101          | PROJ                |                       | 8003130469          | 50-261 R            |
|  | 8003050048          | 50-312 Q            |                       | 8003130473*         | 50-261 R            |
|  | 8003140300          | 50-312 T            |                       | 8003170431          | 50-324 R            |
|  | 8003190734*         | 50-128 P            |                       | 8003170431          | 50-324 R            |
|  | 8003190917          | PR                  |                       | 8003170435*         | 50-324 R            |
|  | 8003250318          | PROJ                |                       | 8003170435*         | 50-324 R            |
|  | 8003270124          | PROJ                |                       | 8003180391          | 50-325 S            |
|  | 8003280028          | 50-275 Q            |                       | 8003180395*         | 50-325 S            |
|  | 8003280300          | 50-312 Q            |                       | 8003180403          | 50-325 S            |
| California, Univ. of, Berkeley               | 8003110033          | PR                  |                       | 8003180412          | 50-324 S            |
|  | 8003110044          | PR                  |                       | 8003180413*         | 50-325 S            |
|  | 8003110091          | PR                  |                       | 8003180418*         | 50-324 S            |
|  | 8003180237          | PR                  |                       | 8003180505          | 50-325 S            |
|  | 8003180262          | 50-224 F            |                       | 8003180511*         | 50-325 S            |
|  | 8003250270          | NUREG               |                       | 8003180581          | 50-324 S            |
|  | 8003250532          | 50-224 R            |                       | 8003180587*         | 50-324 S            |
|  | 8003250536*         | 50-224 R            |                       | 8003180616          | 50-325 S            |
| California, Univ of, Los Angeles             | 8003050439          | 50-142 S            |                       | 8003180621*         | 50-325 S            |
|  | 8003050463          | 50-142 P            |                       | 8003190251*         | 50-324 Q            |
|  | 8003050468*         | 50-142 P            |                       | 8003190646*         | 50-400 Q            |
|  | 8003180279          | 50-142 F            |                       | 8003190651*         | 50-400 Q            |
|  | 8003270058          | 50-142 F            |                       | 8003190652          | 50-261 P            |
|  | 8003270058          | 50-142 P            |                       | 8003190922          | 50-400 Q            |
|  | 8003270063*         | 50-142 P            |                       | 8003190922          | 50-400 Q            |
|  | 8003270063*         | 50-142 P            |                       | 8003190922          | 50-400 Q            |
|  | 8003310475*         | CONTRACT            |                       | 8003190922          | 50-400 Q            |
| California, Univ of, Santa Barbara           | 8003060503          | 50-312 Q            |                       | 8003200435          | 50-261 P            |
|  | 8003170113*         | 50-320 F            |                       | 8003200438*         | 50-261 P            |
| Carolina Power & Light Co                    | 8003030411          | 50-400 F            |                       | 8003210065*         | 50-261 Q            |
|  | 8003030411          | 50-400 F            |                       | 8003210163          | 50-400 Q            |
|  | 8003030411          | 50-400 F            |                       | 8003210283*         | 50-400 Q            |
|  | 8003030411          | 50-400 F            |                       | 8003210297*         | 50-400 Q            |
|  | 8003030419          | 50-324 S            |                       | 8003210456          | 50-324 S            |
|  | 8003030423*         | 50-324 S            |                       | 8003210463*         | 50-324 S            |
|  | 8003030434          | 50-324 S            |                       | 8003210513          | 50-400 A            |
|  | 8003030442*         | 50-324 S            |                       | 8003210518          | 50-324 P            |
|  | 8003030558          | 50-324 S            |                       | 8003210518          | 50-324 P            |
|  | 8003030560          | 50-325 S            |                       | 8003240418          | 50-324 F            |
|  | 8003030566*         | 50-324 S            |                       | 8003240475          | 50-261 S            |
|  | 8003030567*         | 50-325 S            |                       | 8003240484*         | 50-261 S            |
|  | 8003030585          | 50-325 S            |                       | 8003250451          | 50-261 P            |

## CORPORATE SOURCE INDEX

421

| AUTHOR<br>AFFILIATION                   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|---------------------------------------|---------------------|---------------------|
|   | 8003250466          | 50-324 S            |                                       | 8003130652          | WASTE MGT           |
|   | 8003250474*         | 50-324 S            |                                       | 8003130656*         | WASTE MGT           |
|   | 8003250492          | 50-261 F            |                                       | 8003140448          | WASTE MGT           |
|   | 8003250499          | 50-325 S            |                                       | 8003200010          | WASTE MGT           |
|   | 8003250551          | 50-324 S            |                                       | 8003250147*         | CONTRACT            |
|   | 8003250559*         | 50-324 S            |                                       | 8003260513          | State Prog          |
|   | 8003260301          | 50-400 A            |                                       | 8003260530*         | State Prog          |
|   | 8003270183          | 50-400 Q            | Colorado, Univ of, Denver             | 8003250129*         | WASTE MGT           |
|   | 8003270296*         | 50-261 Q            |                                       | 8003250131*         | WASTE MGT           |
|   | 8003270496          | 50-400 A            | Columbia Univ                         | 8003070032*         | 50-247 H            |
|   | 8003270501*         | 50-400 A            | Combustion Engineering, Inc           | 8003050544*         | TOPREF              |
|   | 8003280535          | 50-261 F            |                                       | 8003180183*         | 50-285 P            |
|   | 8003280561          | 50-324 P            | Commerce, Dept of, National Bureau of | 8003120683          | NUREG               |
|   | 8003310049          | FDIA                | Standards                             |                     |                     |
|   | 8003310286          | 50-325 S            | Commonwealth Edison Co                | 8003280242          | 50-184 P            |
|   | 8003310292*         | 50-325 S            |                                       | 8003030353          | 50-295 P            |
|   | 8003310348          | 50-325 S            |                                       | 8003030373          | 50-237 P            |
| Carpenter Technology Corp               | 8003310350*         | 50-325 S            |                                       | 8003030373          | 50-237 P            |
|   | 8003040669          | XPORTLIC            |                                       | 8003030373          | 50-237 P            |
|   | 8003040672*         | XPORTLIC            |                                       | 8003030438          | 50-237 F            |
|   | 8003310176          | XPORTLIC            |                                       | 8003030438          | 50-237 F            |
| Catholic Univ                           | 8003310181          | XPORTLIC            |                                       | 8003030438          | 50-237 F            |
|   | 8003040128*         | 50-77 Q             |                                       | 8003030438          | 50-237 F            |
|   | 8003060021*         | 50-77 Q             |                                       | 8003030438          | 50-237 F            |
|   | 8003140070*         | 50-77 Q             |                                       | 8003040284          | 50-237 F            |
|   | 8003200321          | 50-77 R             |                                       | 8003040284          | 50-237 F            |
|   | 8003200397*         | 50-77 R             |                                       | 8003040284          | 50-237 F            |
|   | 8003280398*         | CONTRACT            |                                       | 8003040284          | 50-237 F            |
| Center for Development Policy           | 8003060749          | 50-574 Q            |                                       | 8003040404          | 50-295 R            |
| Center for Law & Social Policy          | 8003100196          | 50-574 Q            |                                       | 8003040404          | 50-295 R            |
|   |                     |                     |                                       |                     |                     |
| Center for Law in the Public Interest   | 8003250465          | 50-275 Q            |                                       | 8003040504          | 50-237 S            |
| Central & Southwest Corp                | 8003040278          | 50-445 M            |                                       | 8003040512*         | 50-237 S            |
|   | 8003060656          | 50-445 M            |                                       | 8003040521          | 50-373 A            |
|   | 8003250456          | 50-445 M            |                                       | 8003040526*         | 50-373 A            |
| Cerac, Inc                              | 8003280178          | XPORTLIC            |                                       | 8003040531          | 50-249 S            |
|   |                     |                     |                                       |                     |                     |
| Chase Brass & Copper Co, Inc, Chase     | 8003050206          | XPORTLIC            |                                       | 8003040539*         | 50-249 S            |
| Nuclear Div                             |                     |                     |                                       | 8003040547          | 50-265 S            |
| Chem-Nuclear Systems, Inc               | 8003120377          | 71-6275             |                                       | 8003040548*         | 50-295 S            |
|   | 8003190152          | 71-6375             |                                       | 8003040548*         | 50-295 S            |
|   | 8003100104          | QA999               |                                       | 8003040554*         | 50-265 S            |
| Chematron Corp, Tube Turns Div          | 8003050563*         | 50-271 F            |                                       |                     |                     |
| Chemtrol Corp                           |                     |                     |                                       |                     |                     |
|   | 8003050568*         | 50-271 F            |                                       | 8003050214          | 50-10 P             |
|   | 8003050574*         | 50-271 F            |                                       | 8003050370          | 50-249 S            |
|   | 8003050583*         | 50-271 F            |                                       | 8003050373*         | 50-249 S            |
|   | 8003050591*         | 50-271 F            |                                       | 8003050417          | 50-254 R            |
|   | 8003050596*         | 50-271 F            |                                       | 8003050417          | 50-254 R            |
|   |                     |                     |                                       |                     |                     |
|   | 8003050600*         | 50-271 F            |                                       | 8003050419*         | 50-254 R            |
|   | 8003050607*         | 50-271 F            |                                       | 8003050419*         | 50-254 R            |
| Chen & Associates, Inc                  | 8003030235*         | 40-6659             |                                       | 8003050423*         | 50-254 R            |
| Cherry, M. H./Cherry, Flynn & Kanter    | 8003310197          | 50-454 Q            |                                       | 8003050423*         | 50-254 R            |
| Chesapeake Energy Alliance              | 8003040681          | 50-289 Q            |                                       | 8003050504          | 50-237 P            |
|   |                     |                     |                                       |                     |                     |
|   | 8003100068          | 50-289 Q            |                                       | 8003050515          | 50-374 S            |
|   | 8003100079*         | 50-289 Q            |                                       | 8003050550          | 50-327 F            |
|   | 8003100081*         | 50-289 Q            |                                       | 8003050550          | 50-327 F            |
|   | 8003100086*         | 50-289 Q            |                                       | 8003050550          | 50-327 F            |
| Chicago, Univ of                        | 8003280389*         | 70-8                |                                       |                     |                     |
|   |                     |                     |                                       |                     |                     |
| Chickering & Gregory                    | 8003200255          | PR                  |                                       | 8003050550          | 50-327 F            |
|   | 8003200305*         | PR                  |                                       | 8003050601          | 50-10 R             |
| Christa-Maria                           | 8003280606          | 50-155 Q            |                                       | 8003050601          | 50-10 R             |
| Cincinnati Gas & Electric Co            | 8003040453          | 50-358 A            |                                       | 8003050601          | 50-10 R             |
|   | 8003050153          | 50-358 Q            |                                       | 8003050611*         | 50-10 R             |
|   |                     |                     |                                       |                     |                     |
|   | 8003110007          | 50-358 H            |                                       | 8003050624          | 50-295 R            |
|   | 8003120158          | 50-358 A            |                                       | 8003050632*         | 50-295 R            |
|   | 8003140398          | 50-358 F            |                                       | 8003060392          | 50-237 P            |
|   | 8003200361          | 50-358 Q            |                                       | 8003060545          | 50-373 A            |
|   | 8003280387          | 50-358 S            |                                       | 8003060663*         | 50-254 S            |
|   |                     |                     |                                       |                     |                     |
|   | 8003280392          | 50-358 S            |                                       | 8003060671*         | 50-254 S            |
|   | 8003280640*         | 50-358 Q            |                                       | 8003060671*         | 50-254 S            |
| Citizens Action For Safe Energy         | 8003240525          | 50-856 H            |                                       | 8003060680*         | 50-254 S            |
| Citizens Against Nuclear Dangers        | 8003250313          | 50-387 Q            |                                       | 8003060680*         | 50-254 S            |
| Citizens Association for Sound Energy   | 8003240606          | 50-445 Q            |                                       | 8003060686*         | 50-254 S            |
|   |                     |                     |                                       |                     |                     |
| Citizens for Safe Environment           | 8003040037          | 50-320 T            |                                       | 8003060690*         | 50-254 S            |
|   | 8003040261          | 50-320 T            |                                       | 8003070396          | 50-237 P            |
|   | 8003040272          | 50-320 T            |                                       | 8003070396          | 50-237 P            |
| Cleveland Electric Illuminating Co.     | 7910310125*         | 50-346 Q            |                                       | 8003070396          | 50-237 P            |
|   | 8003030543          | 50-440 S            |                                       |                     |                     |
|   |                     |                     |                                       |                     |                     |
|   | 8003050543          | 50-440 S            |                                       | 8003100149          | 50-10 R             |
|   | 8003050547*         | 50-440 S            |                                       | 8003100149          | 50-10 R             |
|   | 8003050547*         | 50-440 S            |                                       | 8003100149          | 50-10 R             |
|   | 8003240288          | 50-201 P            |                                       | 8003100153*         | 50-10 R             |
| Coalition on West Valley Nuclear Wastes | 7910180096*         | MISC                |                                       | 8003100153*         | 50-10 R             |
| Coastal Environments, Inc.              |                     |                     |                                       |                     |                     |
|   | 8003100188          | NUREG               |                                       | 8003100193*         | 50-10 R             |
| Colorado State Univ.                    | 8003120267          | NUREG               |                                       | 8003110385          | 50-237 P            |
|   | 8003120446*         | 50-267 R            |                                       | 8003110432          | 50-265 P            |
| Colorado, State of                      | 8003130184          | WASTE MGT           |                                       | 8003110437*         | 50-265 P            |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------------|---------------------|---------------------|--------------------------------------|---------------------|---------------------|
|                       | 8003110463          | 50-237 P            |                                      | 8003200425*         | 50-304 S            |
|                       | 8003110463          | 50-237 P            |                                      | 8003200631          | 50-295 P            |
|                       | 8003110463          | 50-237 P            |                                      | 8003200697          | 50-304 P            |
|                       | 8003110463          | 50-237 P            |                                      | 8003210177          | 50-284 S            |
|                       | 8003110473          | 50-295 R            |                                      | 8003210467          | TCPREP              |
|                       | 8003110473          | 50-295 R            |                                      | 8003210505          | 50-295 P            |
|                       | 8003110473*         | 50-295 R            |                                      | 8003210534          | 50-10 F             |
|                       | 8003110473*         | 50-295 R            |                                      | 8003210534          | 50-10 F             |
|                       | 8003110664          | 50-599 A            |                                      | 8003240357          | 50-295 P            |
|                       | 8003110670          | 50-237 S            |                                      | 8003240357          | 50-295 P            |
|                       | 8003110672*         | 50-237 S            |                                      | 8003240444          | 50-237 P            |
|                       | 8003120405          | 50-265 S            |                                      | 8003240444          | 50-237 P            |
|                       | 8003120413*         | 50-265 S            |                                      | 8003240444          | 50-237 P            |
|                       | 8003120612          | 50-295 F            |                                      | 8003240478*         | 50-237 P            |
|                       | 8003130357*         | 50-247 P            |                                      | 8003240482*         | 50-237 P            |
|                       | 8003130357*         | 50-247 P            |                                      | 8003240490*         | 50-237 P            |
|                       | 8003130364*         | 50-247 P            |                                      | 8003240636          | REOOD               |
|                       | 8003130393          | 50-295 P            |                                      | 8003250247          | PR                  |
|                       | 8003130393          | 50-295 P            |                                      | 8003250452          | 50-454 K            |
|                       | 8003130401          | 50-454 S            |                                      | 8003250452          | 50-454 K            |
|                       | 8003130401          | 50-454 S            |                                      | 8003250452          | 50-454 K            |
|                       | 8003130415*         | 50-454 S            |                                      | 8003250457*         | 50-454 K            |
|                       | 8003130453          | 50-295 P            |                                      | 8003250457*         | 50-454 K            |
|                       | 8003130678*         | 50-265 Q            |                                      | 8003250457*         | 50-454 K            |
|                       | 8003140203          | 50-10 P             |                                      | 8003250457*         | 50-454 K            |
|                       | 8003140251          | 50-294 F            |                                      | 8003250511          | 50-3 H              |
|                       | 8003140251          | 50-294 F            |                                      | 8003250511          | 50-3 H              |
|                       | 8003140269*         | 50-294 F            |                                      | 8003250511          | 50-3 H              |
|                       | 8003170170          | 50-237 P            |                                      | 8003250511          | 50-3 H              |
|                       | 8003170284          | 50-304 S            |                                      | 8003250511          | 50-3 H              |
|                       | 8003170288*         | 50-304 S            |                                      | 8003250541          | 50-10 I             |
|                       | 8003170299          | 50-304 S            |                                      | 8003250541          | 50-10 I             |
|                       | 8003170303*         | 50-304 S            |                                      | 8003250541          | 50-10 I             |
|                       | 8003170380          | 50-304 S            |                                      | 8003260541          | 50-237 P            |
|                       | 8003170385*         | 50-304 S            |                                      | 8003260598          | 50-304 S            |
|                       | 8003170389          | 50-254 S            |                                      | 8003260607*         | 50-304 S            |
|                       | 8003170397*         | 50-254 S            |                                      | 8003270112          | 50-249 Q            |
|                       | 8003170452          | 50-265 S            |                                      | 8003270112          | 50-249 Q            |
|                       | 8003170457*         | 50-265 S            |                                      | 8003270346          | 50-237 P            |
|                       | 8003170464          | 50-10 P             |                                      | 8003270346          | 50-237 P            |
|                       | 8003170476          | 50-237 F            |                                      | 8003270346          | 50-237 P            |
|                       | 8003180345          | 50-10 P             |                                      | 8003270346          | 50-237 P            |
|                       | 8003180345          | 50-10 P             |                                      | 8003270371          | 50-249 P            |
|                       | 8003180345          | 50-10 P             |                                      | 8003270373*         | 50-249 P            |
|                       | 8003180345          | 50-10 P             |                                      | 8003270502          | 50-295 P            |
|                       | 8003180358          | 50-295 P            |                                      | 8003270502          | 50-295 P            |
|                       | 8003180358          | 50-295 P            |                                      | 8003280349          | 50-10 R             |
|                       | 8003180358*         | 50-295 P            |                                      | 8003280349          | 50-10 R             |
|                       | 8003180359*         | 50-295 P            |                                      | 8003280349          | 50-10 R             |
|                       | 8003180487          | 50-10 R             |                                      | 8003280358*         | 50-10 R             |
|                       | 8003180493*         | 50-10 R             |                                      | 8003280358*         | 50-10 R             |
|                       | 8003180493*         | 50-10 R             |                                      | 8003280358*         | 50-10 R             |
|                       | 8003190342          | 50-373 K            |                                      | 8003280654*         | 50-254 Q            |
|                       | 8003190347*         | 50-373 K            |                                      | 8003200585          | FOIA                |
|                       | 8003190452          | 50-295 Q            |                                      | 8003110285          | NUREG               |
|                       | 8003190452          | 50-295 Q            |                                      | 8003170314*         | CONTRACT            |
|                       | 8003190457          | 50-254 P            |                                      | 8003050194          | XPORTLIC            |
|                       | 8003190549          | 50-249 S            |                                      | 8003040203          | 50-213 R            |
|                       | 8003190551          | 50-249 S            |                                      | 8003050414          | 50-213 S            |
|                       | 8003190569*         | 50-249 S            |                                      | 8003060591          | 50-213 S            |
|                       | 8003190576*         | 50-249 S            |                                      | 8003060594*         | 50-213 S            |
|                       | 8003190711          | 50-10 P             |                                      | 8003070387          | 50-213 R            |
|                       | 8003190843*         | 50-456 Q            |                                      | 8003070391*         | 50-213 R            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110455          | 50-213 P            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110458          | 50-213 S            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110461*         | 50-213 S            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110496          | 50-213 F            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110505*         | 50-213 F            |
|                       | 8003200076          | 50-10 Q             |                                      | 8003110557          | 50-213 P            |
|                       | 8003200383          | 50-254 S            |                                      | 8003140283          | 50-213 P            |
|                       | 8003200385*         | 50-254 S            |                                      | 8003170088          | PR                  |
|                       | 8003200387          | 50-304 S            |                                      | 8003170257          | 50-213 R            |
|                       | 8003200392*         | 50-304 S            |                                      | 8003170260*         | 50-213 R            |
|                       | 8003200398          | 50-265 S            |                                      | 8003170338          | 50-213 P            |
|                       | 8003200401          | 50-304 S            |                                      | 8003170344*         | 50-213 P            |
|                       | 8003200404*         | 50-265 S            |                                      | 8003180122          | 50-213 S            |
|                       | 8003200406          | 50-254 S            |                                      | 8003260609          | 50-213 R            |
|                       | 8003200407*         | 50-304 S            |                                      | 8003260615*         | 50-213 R            |
|                       | 8003200410*         | 50-254 S            |                                      | 8003270343          | 50-213 Q            |
|                       | 8003200411          | 50-295 S            |                                      | 8003280260          | 50-213 P            |
|                       | 8003200412          | 50-265 S            |                                      | 8003310276          | 50-213 S            |
|                       | 8003200415*         | 50-265 S            |                                      | 8003310278*         | 50-213 S            |
|                       | 8003200418*         | 50-295 S            |                                      | 8003310333          | 50-213 S            |
|                       | 8003200420          | 50-304 S            |                                      | 8003310337*         | 50-213 S            |
|                       |                     |                     | Computer Engineering Associates, Inc |                     |                     |
|                       |                     |                     | Computer Sciences Corp               |                     |                     |
|                       |                     |                     | Computer Systems Support Corp        |                     |                     |
|                       |                     |                     | Comex Corp.                          |                     |                     |
|                       |                     |                     | Connecticut Yankee Atomic Power Co   |                     |                     |

# CORPORATE SOURCE INDEX

423

| AUTHOR<br>AFFILIATION              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
| Conner, Moore & Corber             | 8003040662          | 50-358 Q            |  | 8003110509          | 50-255 Q            |
|                                    | 8003050153          | 50-358 Q            |  | 8003110532          | 50-255 P            |
|                                    | 8003170446          | 50-416 M            |  | 8003110536*         | 50-255 P            |
|                                    | 8003190933          | 50-272 Q            |  | 8003110652          | 50-255 P            |
|                                    | 8003190942*         | 50-272 Q            |  | 8003120341          | 50-155 I            |
| Consolidated Edison Co of New York | 8003030520          | 50-247 Q            |  | 8003120341          | 50-155 I            |
|                                    | 8003040307          | 50-247 Q            |  | 8003120119          | 50-155 Q            |
|                                    | 8003050237          | 50-3 R              |  | 8003120129*         | 50-155 Q            |
|                                    | 8003050243*         | 50-3 R              |  | 8003130543          | 50-255 P            |
|                                    | 8003120330          | 50-3 Q              |  | 8003130561          | 50-255 R            |
|                                    | 8003130357*         | 50-247 P            |  | 8003130563*         | 50-255 R            |
|                                    | 8003130364*         | 50-247 P            |  | 8003130577          | 50-255 P            |
|                                    | 8003140208          | 50-247 P            |  | 8003140240          | 50-255 P            |
|                                    | 8003170168          | 50-3 F              |  | 8003170158          | TOPREP              |
|                                    | 8003170290          | 50-247 B            |  | 8003170160*         | TOPREP              |
|                                    | 8003170297*         | 50-247 S            |  | 8003170165          | 50-155 F            |
|                                    | 8003170300          | 50-247 P            |  | 8003170167*         | 50-155 F            |
|                                    | 8003170316          | 50-247 P            |  | 8003170343          | 50-255 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003170381          | 50-255 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003190478          | 50-267 P            |
|                                    | 8003170379          | 50-3 Q              |  | 8003190479          | 50-155 P            |
|                                    | 8003170444          | 50-3 R              |  | 8003190534          | 50-155 P            |
|                                    | 8003170444          | 50-3 R              |  | 8003200235*         | 50-155 Q            |
|                                    | 8003170444          | 50-3 R              |  | 8003200246*         | 50-155 Q            |
|                                    | 8003180374          | 50-247 S            |  | 8003200258*         | 50-155 Q            |
|                                    | 8003180379*         | 50-247 S            |  | 8003200523          | REQD                |
|                                    | 8003180470          | 50-3 R              |  | 8003210398          | 50-255 P            |
|                                    | 8003180503          | 50-247 R            |  | 8003240351          | 50-155 P            |
|                                    | 8003180506*         | 50-247 R            |  | 8003250424          | 50-255 Q            |
|                                    | 8003180558          | 50-247 P            |  | 8003250454          | 50-155 B            |
|                                    | 8003190294*         | 50-247 Q            |  | 8003250460*         | 50-155 S            |
|                                    | 8003240529          | 50-3 R              |  | 8003250503          | 50-255 Q            |
|                                    | 8003240529          | 50-3 R              |  | 8003250544          | 50-329 Q            |
|                                    | 8003240529          | 50-3 R              |  | 8003250554          | 50-155 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003260224          | 50-255 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003260235*         | 50-255 Q            |
|                                    | 8003240531*         | 50-3 R              |  | 8003270263          | 50-155 Q            |
|                                    | 8003250484          | 50-247 P            |  | 8003270490          | 50-255 P            |
|                                    | 8003250506          | 50-3 R              |  | 8003280268          | 50-329 R            |
|                                    | 8003250506          | 50-3 R              |  | 8003310126*         | 50-155 Q            |
|                                    | 8003250506          | 50-3 R              | Cornell Univ                               | 8003260595          | 50-97 P             |
|                                    | 8003250510*         | 50-3 R              |  | 8003310490*         | CONTRACT            |
|                                    | 8003030167*         | 50-155 Q            |  | 8003130658*         | WASTE HOT           |
|                                    | 8003030174*         | 50-155 Q            |  | 8003280648          | WASTE HOT           |
|                                    | 8003030304          | 50-255 P            |  | 8003280656*         | WASTE HOT           |
| Consumers Power Co                 | 8003030311          | 50-255 Q            | Coulas Region Energy Coalition             | 8003050528          | 50-409 H            |
|                                    | 8003040243          | 50-329 S            |  | 8003260511          | 50-409 Q            |
|                                    | 8003040490          | 50-329 S            |  | 8003240645          | EXPORTIC            |
|                                    | 8003040490          | 50-329 S            |  | 8003310429*         | NUREG               |
|                                    | 8003040550          | 50-255 P            |  | 8003050061          | WASTE HOT           |
|                                    | 8003040564          | 50-255 P            | Council on Environmental Quality           | 8003140124          | WASTE HOT           |
|                                    | 8003040571*         | 50-255 P            |  | 8003060528          | 50-409 R            |
|                                    | 8003040576*         | 50-255 P            |  | 8003060530*         | 50-409 R            |
|                                    | 8003050172*         | 70-2623             |  | 8003060532*         | 50-409 R            |
|                                    | 8003050426          | 50-155 R            |  | 8003110653          | 50-409 R            |
|                                    | 8003050430*         | 50-155 R            | Cyprus Mines Corp                          | 8003110654*         | 50-409 R            |
|                                    | 8003050494          | 50-255 P            |  | 8003170441          | 50-409 P            |
|                                    | 8003050514          | 50-155 R            |  | 8003180368          | 50-409 Q            |
|                                    | 8003050516*         | 50-155 R            |  | 8003180504          | 50-409 S            |
|                                    | 8003060257          | 50-255 P            |  | 8003180513*         | 50-409 S            |
|                                    | 8003060261*         | 50-255 P            | Dalton, GA                                 | 8003180631          | 50-409 P            |
|                                    | 8003060479          | 50-255 R            |  | 8003190141          | 50-155 Q            |
|                                    | 8003060485*         | 50-255 R            |  | 8003200462          | 50-409 P            |
|                                    | 8003060488          | 50-255 R            |  | 8003210485          | 50-409 F            |
|                                    | 8003060490*         | 50-255 R            |  | 8003240413          | 50-409 R            |
|                                    | 8003060522          | 50-255 Q            | Debevoise & Liberman                       | 8003240413*         | 50-409 R            |
|                                    | 8003060535          | 50-255 R            |  | 8003270345          | 50-409 Q            |
|                                    | 8003060538*         | 50-255 R            |  | 8003280469          | 50-409 Q            |
|                                    | 8003060763*         | 50-155 Q            |  | 8003280635          | 50-409 Q            |
|                                    | 8003070251          | 50-255 F            |  | 8003110585          | 50-321 J            |
|                                    | 8003070253*         | 50-255 F            | Daniel International, Daniel Const Co Div. | 8003280473*         | 50-409 Q            |
|                                    | 8003070255          | 50-255 P            |  | 8003240149          | 71-9027             |
|                                    | 8003070377          | 50-329 S            |  | 8003240155          | 71-9035             |
|                                    | 8003070377          | 50-329 S            |  | 8003240199          | 71-6717             |
|                                    | 8003070379*         | 50-329 S            |  | 8003240204          | 71-9006             |
|                                    | 8003070379*         | 50-329 S            |  | 8003030153          | 50-445 M            |
|                                    | 8003070387          | 50-329 S            |  | 8003040712*         | 50-445 Q            |
|                                    | 8003070387          | 50-329 S            |  | 8003140145          | PR                  |
|                                    | 8003070395          | 50-329 S            |  | 8003200121          | PR                  |
|                                    | 8003070395          | 50-329 S            |  | 8003240173          | 50-445 M            |
|                                    | 8003100193          | 50-255 P            |  | 8003240173          | 50-445 M            |
|                                    | 8003110026          | 50-155 P            |  | 8003250002          | NUREG               |
|                                    | 8003110387          | 50-255 P            |  | 8003260063          | PR                  |
|                                    | 8003110478          | 50-255 R            |  |                     |                     |
|                                    | 8003110480*         | 50-255 R            |  |                     |                     |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
|  | 8003260277          | 50-445 M            |                       | 8003180153          | 50-269 Q            |
|  | 8003260277          | 50-445 M            |                       | 8003180197          | 50-270 P            |
|  | 8003260277          | 50-445 M            |                       | 8003180207*         | 50-270 P            |
|  | 8003270270          | 50-445 M            |                       | 8003180356          | 50-269 J            |
|  | 8003280634          | 50-445 M            |                       | 8003180449          | 50-270 P            |
| Defense, Dept of, Defense Nuclear Agency | 8003280457          | 50-170 S            |                       | 8003180449          | 50-270 P            |
|  | 8003280458*         | 50-170 S            |                       | 8003180609          | 50-269 P            |
| Denver, Univ of                          | 8003210037*         | FOIA                |                       | 8003180609          | 50-269 P            |
| Design Space International               | 8003050124*         | CONTRACT            |                       | 8003180609          | 50-269 P            |
| Detroit Edison Co                        | 8003030506          | 50-341 H            |                       | 8003190128*         | 50-269 Q            |
|  | 8003040425          | 50-341 A            |                       | 8003190192*         | 50-269 Q            |
|  | 8003040518          | 50-341 S            |                       | 8003190507          | 50-269 P            |
|  | 8003100042          | 50-341 S            |                       | 8003190507          | 50-269 P            |
|  | 8003110491          | 50-16 J             |                       | 8003190507          | 50-269 P            |
|  | 8003120540          | 50-341 A            |                       | 8003190518          | 50-269 R            |
|  | 8003240387          | 50-341 S            |                       | 8003190518          | 50-269 R            |
| District of Columbia                     | 8003240507          | 50-320 T            |                       | 8003190518          | 50-269 R            |
| Doherty, J F                             | 8003310054          | 50-466 H            |                       | 8003190522*         | 50-269 R            |
| Don L Warner                             | 8003240242*         | 40-8380             |                       | 8003190522*         | 50-269 R            |
| Dow Chemical Co                          | 8003190523          | TOPREP              |                       | 8003190522*         | 50-269 R            |
|  | 8003190528*         | TOPREP              |                       |                     |                     |
| Dow Corning Corp                         | 8003030549          | 50-344 H            |                       | 8003190600          | 27-47               |
| Dravo Corp                               | 8003190336*         | QA999               |                       | 8003190988          | 50-269 Q            |
|  | 8003190344*         | QA999               |                       | 8003200026          | 50-269 Q            |
| Duke Power Co                            | 8003030409          | 50-349 S            |                       | 8003200324          | PR                  |
|  |                     |                     |                       | 8003200400          | 50-369 A            |
|  | 8003030409          | 50-369 S            |                       | 8003200400          | 50-369 A            |
|  | 8003030410*         | 50-369 S            |                       | 8003200403*         | 50-369 A            |
|  | 8003030410*         | 50-369 S            |                       | 8003200403*         | 50-369 A            |
|  | 8003030475          | 50-270 S            |                       | 8003200423          | 50-269 S            |
|  | 8003030542          | 50-270 S            |                       | 8003200430*         | 50-269 S            |
|  | 8003030563          | 50-270 Q            |                       | 8003200449          | 50-269 P            |
|  | 8003030563          | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|  | 8003030572*         | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|  | 8003030572*         | 50-270 Q            |                       | 8003200463          | 50-269 P            |
|  | 8003050021          | 70-2623             |                       | 8003200514          | PR                  |
|  | 8003050165          | 70-2623             |                       | 8003200610*         | 50-471 Q            |
|  | 8003050176          | 70-2623             |                       | 8003210159          | 50-488 Q            |
|  | 8003050433          | 50-269 R            |                       | 8003210233          | 50-413 Q            |
|  | 8003050433          | 50-269 R            |                       | 8003210309          | 50-413 B            |
|  | 8003050433          | 50-269 R            |                       | 8003240049          | 50-269 Q            |
|  | 8003050434*         | 50-269 R            |                       | 8003240102          | 50-413 Q            |
|  | 8003050442          | 50-269 F            |                       | 8003240107          | 50-369 Q            |
|  | 8003060162          | 50-369 Q            |                       | 8003240469          | 50-287 S            |
|  | 8003060187          | 50-491 Q            |                       | 8003240474*         | 50-287 S            |
|  | 8003060237          | 50-269 Q            |                       | 8003240519          | 50-413 S            |
|  | 8003070360          | 50-287 S            |                       | 8003240519          | 50-413 S            |
|  | 8003070361          | 50-269 P            |                       | 8003240527*         | 50-413 S            |
|  | 8003070361          | 50-269 P            |                       | 8003240527*         | 50-413 S            |
|  | 8003070362*         | 50-287 S            |                       | 8003250040*         | 50-491 Q            |
|  | 8003100031          | 50-269 Q            |                       | 8003250375*         | 50-413 Q            |
|  | 8003110340          | 50-413 S            |                       | 8003250476          | 50-270 Q            |
|  | 8003110349          | 50-369 S            |                       | 8003250476          | 50-270 Q            |
|  | 8003110349          | 50-369 S            |                       | 8003270044          | 50-269 Q            |
|  | 8003110358*         | 50-369 S            |                       | 8003270233*         | 50-269 Q            |
|  | 8003110358*         | 50-369 S            |                       | 8003270233*         | 50-269 Q            |
|  | 8003110561          | 50-413 S            |                       | 8003270369          | 50-269 P            |
|  | 8003110561          | 50-413 S            |                       | 8003270369          | 50-269 P            |
|  | 8003110564*         | 50-413 S            |                       | 8003270369          | 50-269 P            |
|  | 8003110564*         | 50-413 S            |                       | 8003270370*         | 50-269 P            |
|  | 8003120207*         | 50-269 Q            |                       | 8003270370*         | 50-269 P            |
|  | 8003120214*         | 50-269 Q            |                       | 8003270370*         | 50-269 P            |
|  | 8003120322          | 50-409 P            |                       | 8003270398          | 50-269 P            |
|  | 8003120425          | 50-287 S            |                       | 8003280287          | 50-369 F            |
|  | 8003120433*         | 50-287 S            |                       | 8003280287          | 50-369 F            |
|  | 8003120514          | 50-270 S            |                       | 8003280304*         | 50-369 F            |
|  | 8003120521*         | 50-270 S            |                       | 8003280304*         | 50-369 F            |
|  | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|  | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|  | 8003120533          | 50-269 Q            |                       | 8003280467          | 50-269 P            |
|  | 8003120603          | 50-413 S            |                       | 8003280553          | 50-369 A            |
|  | 8003120603          | 50-413 S            |                       | 8003310022          | RE000               |
|  | 8003120608*         | 50-413 S            |                       | 8003310159          | PR                  |
|  | 8003120608*         | 50-413 S            |                       | 8003310163          | RE000               |
|  | 8003130208          | 50-269 Q            |                       | 8003310392          | 50-369 Q            |
|  | 8003140383          | 50-269 P            |                       | 8003310392          | 50-369 Q            |
|  | 8003140383          | 50-269 P            | Duquesne Light Co     | 8003030451          | 50-334 S            |
|  | 8003170041          | 50-269 Q            |                       | 8003030494          | 50-334 P            |
|  | 8003170041          | 50-269 Q            |                       | 8003030499*         | 50-334 P            |
|  | 8003170041          | 50-269 Q            |                       | 8003030504*         | 50-334 P            |
|  | 8003170111          | RE000               |                       | 8003040074*         | 50-412 Q            |
|  | 8003170312          | 50-369 A            |                       | 8003050167          | 50-334 S            |
|  | 8003170393          | 50-287 P            |                       | 8003050474          | 50-334 S            |
|  | 8003170398*         | 50-287 P            |                       | 8003050480*         | 50-334 S            |
|  | 8003180153          | 50-269 Q            |                       | 8003050510          | 50-334 P            |
|  | 8003180153          | 50-269 Q            |                       | 8003060465          | 50-334 Q            |

## CORPORATE SOURCE INDEX

425

| AUTHOR<br>AFFILIATION                       | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003060577          | 50-334 R            | Edlow International Co                   | 8003120395          | XPORTLIC            |
|   | 8003060581*         | 50-334 R            |  | 8003200167          | XPORTLIC            |
|   | 8003110620          | 50-334 S            |  | 8003280190          | XPORTLIC            |
|   | 8003110632*         | 50-334 S            |  | 8003280221          | XPORTLIC            |
|   | 8003110634*         | 50-334 S            |  | 8003310211          | 70-2322             |
|   | 8003110636*         | 50-334 S            | Eichhorn, Eichhorn & Link                | 8003040268          | 50-367 Q            |
|   | 8003110639*         | 50-334 S            |  | 8003050001          | 50-367 Q            |
|   | 8003110641*         | 50-334 S            | El Paso Natural Gas                      | 8003250359*         | 50-320 H            |
|   | 8003110643*         | 50-334 S            | Electric Power Research Institute        | 8003140386          | 50-302 P            |
|   | 8003110647*         | 50-334 S            |  | 8003140392*         | 50-302 P            |
|   | 8003110651          | 50-334 S            |  | 8003180463          | TOPREP              |
|   | 8003120364          | 71-9094             | Electricities of North Carolina          | 8003200247*         | 50-269 Q            |
|   | 8003120509          | 50-334 F            | Energy Fuels Nuclear, Inc                | 8003060047          | 40-8675             |
|   | 8003120513*         | 50-334 F            |  | 8003060063          | 40-8681             |
|   | 8003120593          | 50-334 S            |  | 8003240516          | 40-8681             |
|   | 8003120669          | 50-334 S            |  | 8003280125          | 40-8681             |
|   | 8003170271          | 50-334 S            | Energy Research & Development Admin      | 8003110023          | PR                  |
|   | 8003170275          | 50-334 R            | (Presently DOE)                          |                     |                     |
|   | 8003170279*         | 50-334 R            |  | 8003110037          | PR                  |
|   | 8003170450          | 50-412 S            |  | 8003110057          | PR                  |
|   |                     |                     |  | 8003110058          | PR                  |
|   | 8003170455*         | 50-412 S            |  | 8003110060          | PR                  |
|   | 8003180632          | 50-334 S            |  | 8003180250          | PR                  |
|   | 8003200409          | 50-334 P            | Energy, Dept of                          | 8003040585          | 50-443 Q            |
|   | 8003200474*         | 50-334 Q            |  | 8003050198          | 50-320 P            |
|   | 8003240054          | 50-412 Q            |  | 8003060044          | 70-1319             |
|   | 8003250289          | 50-334 P            |  | 8003060048*         | 70-1319             |
|   | 8003250464          | 50-334 S            |  | 8003060099          | 71-6400             |
|   | 8003260582          | 50-334 Q            |  | 8003070299*         | MISC                |
|   | 8003260620          | 50-334 S            |  | 8003100208*         | 50-251 P            |
|   | 8003260624*         | 50-334 B            |  | 8003100214*         | 50-251 P            |
|   | 8003270318          | 50-334 F            |  | 8003110031          | PR                  |
|   | 8003270382          | 50-334 S            |  | 8003110035          | PR                  |
|   | 8003270387*         | 50-334 S            |  | 8003110066          | PR                  |
|   | 8003270391*         | 50-334 S            |  | 8003120646*         | 50-320 H            |
|   | 8003280261*         | 50-334 Q            |  | 8003130256*         | State Prog          |
| E I du Pont de Nemours & Co., Inc           | 8003280290*         | 50-412 Q            |  | 8003130511          | PR                  |
|   | 8003310324          | 50-334 R            |  | 8003140037*         | 50-320 Q            |
|   | 8003310327*         | 50-334 R            |  | 8003140160          | 40-1341             |
|   | 8003040710*         | 50-380 H            |  | 8003140265*         | 50-339 H            |
|   | 8003100130*         | 70-1257             |  | 8003170100          | PR                  |
|   | 8003190317*         | 70-1257             |  |                     |                     |
| EDB Nuclear, Inc                            | 8003250157*         | 70-754              |  | 8003180220          | PR                  |
| EO & O, Inc                                 | 8003270384*         | 50-275 F            |  | 8003190762*         | 50-247 P            |
|   | 8003100155*         | 50-309 P            |  | 8003190862*         | 50-320 H            |
|   | 8003120629          | REB                 |  | 8003210055          | 40-8601             |
|   | 8003120634          | REB                 |  | 8003210205          | 71-5597             |
|   | 8003120639          | REB                 |  | 8003250144          | PR                  |
|   | 8003130287*         | 50-250 P            |  | 8003250214          | 71-5507             |
|   | 8003130289*         | PROJ                |  | 8003310441*         | PROJ                |
|   | 8003130298*         | PROJ                |  | 8003310492          | PR                  |
|   | 8003140170*         | 50-272 P            | Energy, Dept of, Clinch River Breeder    | 8003180331          | 50-537 A            |
|   | 8003140220          | NUREG               | Reactor Plant                            |                     |                     |
|   | 8003250168          | NUREG               |  | 8003310161          | 50-537 A            |
|   | 8003250260          | NUREG               |  | 8003310164*         | 50-537 A            |
|   | 8003250415          | NUREG               | Environmental Coalition on Nuclear Power | 8003240509          | 50-387 Q            |
|   | 8003270090*         | 50-272 P            |  | 8003240513*         | 50-387 Q            |
|   | 8003270240          | NUREG               |  | 8003250306          | 50-387 Q            |
|   | 8003270249*         | NUREG               |  |                     |                     |
| Eagle Inspection, Inc                       | 8003310261          | 71-374              | Environmental Policy Institute           | 8001100406          | 50-10 H             |
|   | 8003310361*         | 71-374              | Environmental Protection Agency          | 8003050129          | PR                  |
|   |                     |                     |  | 8003060096          | WASTE MGT           |
| Eastman Kodak Co                            | 8003190938          | 70-1703             |  | 8003060112*         | 40-1341             |
| Ebasco Services, Inc (subs of Enserch Corp) | 8003050201          | 50-574 Q            |  | 8003110027          | PR                  |
|   | 8003180323          | TOPREP              |  | 8003110032          | PR                  |
|   | 8003180327*         | TOPREP              |  | 8003110036          | PR                  |
|   | 8003200143*         | XPORTLIC            |  | 8003110128          | PR                  |
|   | 8003200471          | REG00               |  | 8003110592          | 50-272 P            |
|   | 8003210319          | TOPREP              |  | 8003120613          | DR0                 |
|   | 8003240212          | PR                  |  | 8003130642          | 40-1341             |
|   | 8003250347*         | 50-508 A            |  | 8003180146          | PR                  |
| Eberline Instrument Corp                    | 8003040807*         | 50-280 R            |  | 8003180149          | PR                  |
|   |                     |                     |  | 8003180178          | PR                  |
|   |                     |                     |  | 8003180184          | PR                  |
|   | 8003050102*         | 70-135              |  | 8003180205          | PR                  |
|   | 8003050429          | REG00               |  | 8003180209          | PR                  |
|   | 8003050477*         | 50-344 R            |  | 8003180230          | PR                  |
|   | 8003130009          | XPORTLIC            |  | 8003180246          | PR                  |
|   | 8003190555*         | FOIA                |  | 8003180263          | PR                  |
|   | 8003190563*         | FOIA                |  | 8003180266          | PR                  |
|   | 8003190570*         | FOIA                |  | 8003190049          | 40-2061             |
| Eckert, Seamans, Cherin & Mellott           | 8003060785          | 50-574 Q            |  | 8003270110          | 40-1162             |
| Ecological Analysts, Inc                    | 8003050498*         | 50-219 R            |  | 8003280462          | 50-320 P            |
| Edison Electric Institute                   | 8003040145          | PR                  |  | 8003280462          | 50-320 P            |
|   | 8003120690          | PR                  |  | 8003280465*         | 50-320 P            |
|   | 8003190392*         | PR                  |  | 8003280465*         | 50-320 P            |
|   | 8003210001          | PR                  |  | 8003190392*         | MISC                |
|   | 8003280083          | PR                  | Erie, PA                                 |                     |                     |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Essex Corp                                 | 8003040095*         | CGNTRACT            |                       | 8003170471*         | 50-250 S            |
|  | 8003140305          | 50-339 P            |                       | 8003170473          | 50-335 S            |
|  | 8003310293          | 50-339 A            |                       | 8003170475*         | 50-335 S            |
| European Communities, Commission of        | 8003130024          | XPORTLIC            |                       | 8003180344          | 50-250 R            |
|  | 8003140067          | XPORTLIC            |                       | 8003180344          | 50-250 R            |
|  | 8003140091          | XPORTLIC            |                       | 8003180415*         | 50-250 R            |
|  | 8003190014          | XPORTLIC            |                       | 8003180415*         | 50-250 R            |
|  | 8003240063          | XPORTLIC            |                       | 8003180422*         | 50-250 R            |
| Evergreen Legal Services                   | 8003140259          | 50-522 Q            |                       | 8003180422*         | 50-250 R            |
| Exxon Minerals Co, USA                     | 8003050580          | 40-8064             |                       | 8003190439          | 50-251 Q            |
|  | 8003060038          | 40-8064             |                       | 8003190445          | 50-335 P            |
|  | 8003140005          | 40-8102             |                       | 8003190489          | 50-251 Q            |
|  | 8003270514          | 40-8064             |                       | 8003190678          | 50-389 S            |
| Exxon Nuclear Co, Inc (subs of Exxon Corp) | 8003040059          | 70-1257             |                       | 8003190685*         | 50-389 S            |
|  | 8003050025          | 70-1257             |                       | 8003200384          | 50-250 P            |
|  | 8003050027*         | 70-1257             |                       | 8003200390          | 50-335 P            |
|  | 8003050031          | 70-1257             |                       | 8003200330          | RE060               |
|  | 8003050180          | 70-1257             |                       | 8003210116*         | 50-389 Q            |
|  | 8003050252          | XPORTLIC            |                       | 8003210402          | 50-250 F            |
|  | 8003050255*         | XPORTLIC            |                       | 8003210402          | 50-250 F            |
|  | 8003060646          | XPORTLIC            |                       | 8003210425          | 50-250 P            |
|  | 8003110072          | XPORTLIC            |                       | 8003210425          | 50-250 P            |
|  | 8003110080*         | XPORTLIC            |                       | 8003210430          | 50-251 P            |
|  | 8003110369          | XPORTLIC            |                       | 8003210430          | 50-251 P            |
|  | 8003110380*         | XPORTLIC            |                       | 8003240077          | 50-335 Q            |
|  | 8003110388          | XPORTLIC            |                       | 8003240085          | 50-250 Q            |
|  | 8003110399*         | XPORTLIC            |                       | 8003240085          | 50-250 Q            |
|  | 8003110841          | TOPREP              |                       | 8003240346          | 50-250 R            |
|  | 8003110551*         | 50-219 P            |                       | 8003240346          | 50-250 R            |
|  | 8003120750          | XPORTLIC            |                       | 8003240348*         | 50-250 R            |
|  | 8003120756*         | XPORTLIC            |                       | 8003240348*         | 50-250 R            |
|  | 8003130015          | XPORTLIC            |                       | 8003240368          | 50-335 P            |
|  | 8003130092*         | QA999               |                       | 8003240424          | 50-250 P            |
|  | 8003130670          | 70-1257             |                       | 8003240424          | 50-250 P            |
|  | 8003130704          | 70-1257             |                       | 8003240437          | 50-335 R            |
|  | 8003190315          | 70-1257             |                       | 8003240442*         | 50-335 R            |
|  | 8003200032          | 70-1257             |                       | 8003240534          | 50-250 P            |
|  | 8003200037*         | 70-1257             |                       | 8003240534          | 50-250 P            |
|  | 8003200043*         | 70-1257             |                       | 8003240538*         | 50-250 P            |
|  | 8003200049*         | 70-1257             |                       | 8003240538*         | 50-250 P            |
|  | 8003200055*         | 70-1257             |                       | 8003240543*         | 50-250 P            |
|  | 8003260643          | 50-244 P            |                       | 8003240543*         | 50-250 P            |
|  | 8003310455          | PR                  |                       | 8003240543*         | 50-250 P            |
| Farris, J R                                | 8003180157          | 50-556 Q            |                       | 8003240545*         | 50-250 P            |
|  | 8003180157          | 50-556 Q            |                       | 8003250471          | 50-335 P            |
|  | 8003180159*         | 50-556 Q            |                       | 8003260381          | 50-250 P            |
|  | 8003180159*         | 50-556 Q            |                       | 8003260633          | 50-335 S            |
| Federal American Partners                  | 8003060087          | 40-4492             |                       | 8003260636*         | 50-335 S            |
|  | 8003190006          | 40-4492             |                       | 8003260630          | 50-389 Q            |
| Federal American Partners (Mining)         | 8003270096          | 40-4492             |                       | 8003310285          | 50-251 S            |
|  | 8003270101*         | 40-4492             |                       | 8003310289*         | 50-251 S            |
| Federal Emergency Management Agency        | 8003040223*         | 50-327 H            |                       | 8003310295          | 50-335 S            |
|  | 8003250258          | PR                  |                       | 8003310299*         | 50-335 S            |
| Finland                                    | 8003250425          | NUREG               |                       | 8003310300          | 50-250 S            |
| Fitchburg Gas & Electric Light Co.         | 8003200244*         | 50-443 A            |                       | 8003310305*         | 50-250 S            |
|  | 8003120163*         | 70-143              |                       | 8003310309          | 50-335 S            |
| Fleischaker, D S                           | 8003250465          | 50-275 Q            |                       | 8003310317*         | 50-335 S            |
|  | 8003030290          | 50-335 P            |                       | 8003310320          | 50-335 S            |
| Florida Power & Light Co                   | 8003040474          | 50-250 P            |                       | 8003310323*         | 50-335 S            |
|  | 8003040474          | 50-250 P            |                       | 8003310325          | 50-251 S            |
|  | 8003040478*         | 50-250 P            | Florida Power Corp    | 8003310330*         | 50-251 S            |
|  | 8003040478*         | 50-250 P            |                       | 8003030484          | 50-302 S            |
|  | 8003040494          | 50-250 P            |                       | 8003030489*         | 50-302 S            |
|  | 8003060477*         | 50-389 Q            |                       | 8003040270          | 50-302 P            |
|  | 8003060565          | 50-250 P            |                       | 8003040431          | 50-302 P            |
|  | 8003060565          | 50-250 P            |                       | 8003040435*         | 50-302 P            |
|  | 8003060573          | 50-335 P            |                       | 8003040480          | 50-302 R            |
|  | 8003100251          | 50-335 R            |                       | 8003040620          | 50-302 R            |
|  | 8003100256*         | 50-335 R            |                       | 8003040625*         | 50-302 R            |
|  | 8003110054          | 50-335 S            |                       | 8003040632*         | 50-302 R            |
|  | 8003110064*         | 50-335 S            |                       | 8003040638*         | 50-302 R            |
|  | 8003110524          | 50-335 P            |                       | 8003040649          | 50-302 S            |
|  | 8003110528*         | 50-335 P            |                       | 8003040655*         | 50-302 S            |
|  | 8003110563          | 50-250 P            |                       | 8003070351          | 50-302 P            |
|  | 8003110605          | 50-250 P            |                       | 8003070352          | 50-302 S            |
|  | 8003110638          | 50-335 F            |                       | 8003070354*         | 50-302 S            |
|  | 8003170268          | 50-250 P            |                       | 8003110510          | 50-302 F            |
|  | 8003170434          | 50-335 S            |                       | 8003110515*         | 50-302 F            |
|  | 8003170438*         | 50-335 S            |                       | 8003110663          | 50-302 S            |
|  | 8003170442          | 50-335 S            |                       | 8003110666*         | 50-302 R            |
|  | 8003170448*         | 50-335 S            |                       | 8003120337          | 50-302 H            |
|  | 8003170462          | 50-335 S            |                       | 8003190370          | 50-302 S            |
|  | 8003170467*         | 50-335 S            |                       | 8003190380*         | 50-302 S            |
|  | 8003170470          | 50-250 S            |                       | 8003190489          | 50-302 S            |
|  |                     |                     |                       | 8003190493*         | 50-302 S            |

## CORPORATE SOURCE INDEX

427

| AUTHOR<br>AFFILIATION                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                   | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|---|---------------------|---------------------|
|   | 8003130551          | 50-302 P            |   | 8003180337          | TOPREP              |
|   | 8003170282          | 50-302 P            |   | 8003180464          | TOPREP              |
|   | 8003180257          | 50-302 P            |   | 8003180488          | TOPREP              |
|   | 8003180362          | 50-302 P            |   | 8003190469          | 50-70 P             |
|   | 8003190333          | 50-302 R            |   | 8003190847*         | CONTRACT            |
|   | 8003190542*         | 50-302 R            |   | 8003190921          | REGGD               |
|   | 8003190656*         | 50-302 Q            |   | 8003200073          | 71-5926             |
|   | 8003190737*         | 50-302 Q            |   | 8003200166*         | 10CFR               |
|   | 8003200125*         | 50-302 Q            |   | 8003200413          | 71-9136             |
|   | 8003200382          | 50-302 P            |   | 8003210473          | TOPREP              |
|   | 8003200570*         | 50-302 Q            |   | 8003240318          | TOPREP              |
|   | 8003240300          | 50-302 Q            |   | 8003240324*         | TOPREP              |
|   | 8003240391          | 50-302 P            |   | 8003240471*         | 50-237 P            |
|   | 8003240414          | 50-302 S            |   | 8003250169          | 70-1308             |
|   | 8003240429*         | 50-302 S            |   | 8003250279*         | 70-1113             |
|   | 8003240532          | 50-302 S            |   | 8003250315*         | 70-1113             |
|   | 8003240537*         | 50-302 S            |   | 8003250566          | 70-1308             |
|   | 8003250138          | 50-302 Q            |   | 8003250603          | 70-754              |
|   | 8003260538          | 50-302 S            |   | 8003260057          | FOIA                |
|   | 8003260544*         | 50-302 S            |   | 8003260199          | 70-1113             |
|   | 8003270367          | 50-302 J            |   | 8003270372*         | 50-249 P            |
|   | 8003270390          | 50-302 J            |   | 8003270420          | TOPREP              |
|   | 8003280271          | 50-302 P            |   | 8003280217          | 71-9049             |
|   | 8003280505*         | 50-302 Q            |   | 8003310001          | 70-1308             |
|   | 8003280509*         | 50-302 Q            |   | 8003310180          | TOPREP              |
|   | 8003280512*         | 50-302 Q            |   | 8003310183*         | TOPREP              |
|   | 8003310338          | 50-302 S            |   | 8003310419          | MISC                |
|   | 8003310343*         | 50-302 S            |   | 8003303028          | TOPREP              |
| Florida, State of                         | 8003100048*         | State Prog          | General Electric Co., Nuclear Energy    |                     |                     |
| Forney Engineering, Inc                   | 8003310097*         | QA999               | Products Div                            | 8003100215*         | 50-277 P            |
|   |                     |                     |   | 8003190415          | REGGD               |
| Foster Wheeler Corp.                      | 8003060083          | 71-9028             |   | 8003200526          | PR                  |
| Friends of the Earth                      | 8003060243          | PR                  |   | 8003240643          | PR                  |
|   | 8003060429          | PR                  |   | 8003090501          | TOPREP              |
|   | 8003190048          | 50-312 Q            | General Electric Operating Plant Owners |                     |                     |
|   | 8003270092          | EXPORTLIC           | Group                                   |                     |                     |
|   |                     |                     | General Public Utilities - GPU Service  |                     |                     |
| Friends of the Filipino People            | 8003140412          | 50-574 Q            | Corp                                    | 8003030315          | 50-219 J            |
|   | 8003140415*         | 50-574 Q            |   | 8003060600          | 50-289 P            |
| General Accounting Office                 | 8003110012          | PR                  |   | 8003100203*         | 50-320 P            |
| General Atomic Co (subs of Gulf Oil       | 8003100197          | TOPREP              |   | 8003110379          | 50-289 P            |
| Co.)                                      | 8003100201*         | TOPREP              |   | 8003110504          | 50-289 J            |
|   | 8003120358          | 71-9072             |   | 8003110518          | 50-289 P            |
|   | 8003180613          | TOPREP              |   | 8003110552          | 50-320 R            |
|   | 8003180619*         | TOPREP              |   | 8003170023          | 50-219 P            |
|   | 8003190483*         | 50-267 P            |   | 8003170028          | 50-219 P            |
|   | 8003190488*         | 50-267 P            |   | 8003240444          | 50-289 Q            |
| General Atomic Co (subs of Gulf Oil       | 8003140316          | 71-5938             |   | 8003250198          | 50-289 Q            |
| Corp.)                                    |                     |                     |   | 8003310282*         | 50-289 P            |
| General Dynamics Corp., Electric Boat Div | 8003250612          | 71-9028             |   | 8003310287*         | 50-289 P            |
| General Electric Co                       | 8003030214          | TOPREP              |   | 8003310270*         | 50-289 P            |
|   | 8003030220*         | TOPREP              | George B. Bush & Co                     | 8003140031          | EXPORTLIC           |
|   | 8003030332          | 70-1113             | Georgia Institute of Technology         | 8003270064          | NUREG               |
|   | 8003030480          | TOPREP              | Georgia Power Co                        | 8003030551          | 50-321 R            |
|   | 8003040067          | 70-1308             |   | 8003030551          | 50-321 R            |
|   | 8003040073          | 70-1308             |   | 8003030568*         | 50-321 R            |
|   | 8003040076          | 70-1308             |   | 8003030568*         | 50-321 R            |
|   | 8003040083          | 70-1308             |   | 8003040543          | 50-366 S            |
|   | 8003040314*         | TOPREP              |   | 8003040532          | 50-321 S            |
|   | 8003040319*         | TOPREP              |   | 8003040595*         | 50-366 S            |
|   | 8003050071          | 70-1308             |   | 8003040561          | 50-321 S            |
|   | 8003050075          | 70-1308             |   | 8003040563*         | 50-321 S            |
|   | 8003050080          | 70-1308             |   | 8003040572*         | 50-321 S            |
|   | 8003050083          | 70-1308             |   | 8003050436          | 50-424 S            |
|   | 8003050086          | 70-754              |   | 8003050436          | 50-424 S            |
|   | 8003050090          | 70-1308             |   | 8003050440*         | 50-424 S            |
|   | 8003050506*         | 50-237 P            |   | 8003050440*         | 50-424 S            |
|   | 8003060256          | 70-1159             |   | 8003060472          | 50-424 S            |
|   | 8003060394          | 70-754              |   | 8003060578          | 50-321 P            |
|   | 8003060548          | TOPREP              |   | 8003060582*         | 50-321 P            |
|   | 8003060611          | TOPREP              |   | 8003070372          | 50-366 P            |
|   | 8003070244          | TOPREP              |   | 8003070394*         | 50-366 P            |
|   | 8003100219*         | 50-277 P            |   | 8003100019          | 50-321 Q            |
|   | 8003100224*         | 50-277 P            |   | 8003110604          | 50-321 Q            |
|   | 8003100227*         | 50-277 P            |   | 8003110604          | 50-321 Q            |
|   | 8003110034*         | 50-333 P            |   | 8003110615          | 50-321 R            |
|   | 8003110341          | FOIA                |   | 8003110615          | 50-321 R            |
|   | 8003110611          | 50-531 A            |   | 8003110618*         | 50-321 R            |
|   | 8003120386          | EXPORTLIC           |   | 8003110618*         | 50-321 R            |
|   | 8003140144          | REGGD               |   | 8003110669          | 50-321 S            |
|   | 8003140233          | 50-70 P             |   | 8003110673*         | 50-321 S            |
|   | 8003170097          | PR                  |   | 8003140308          | 50-321 S            |
|   | 8003170103          | PR                  |   | 8003140311*         | 50-321 S            |
|   | 8003170291          | TOPREP              |   | 8003170047          | 50-321 Q            |
|   | 8003170349          | TOPREP              |   | 8003170047          | 50-321 Q            |
|   | 8003170356          | TOPREP              |   | 8003170054          | 50-321 Q            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|--|---------------------|---------------------|
|  | 8003170034          | 50-321 Q            |  | 8003190715*         | FOIA                |
|  | 8003170186          | 50-321 F            |  | 8003190720*         | FOIA                |
|  | 8003170186          | 50-321 F            |  | 8003190730*         | FOIA                |
|  | 8003170417          | 50-321 F            |  | 8003190742*         | FOIA                |
|  | 8003170417          | 50-321 F            |  | 8003190747*         | FOIA                |
|  | 8003180556          | 50-321 R            |  | 8003190753*         | FOIA                |
|  | 8003180556          | 50-321 R            |  | 8003190761*         | FOIA                |
|  | 8003180630          | 50-321 P            |  | 8003190779*         | FOIA                |
|  | 8003180630          | 50-321 P            |  | 8003190786*         | FOIA                |
|  | 8003210062          | 50-424 Q            |  | 8003190791*         | FOIA                |
|  | 8003210068          | 50-321 Q            |  | 8003190801*         | FOIA                |
|  | 8003210362          | 50-321 S            |  | 8003190807*         | FOIA                |
|  | 8003210391          | 50-366 S            |  | 8003190813*         | FOIA                |
|  | 8003210395*         | 50-366 S            |  | 8003190819*         | FOIA                |
|  | 8003210400          | 50-366 S            |  | 8003190825*         | FOIA                |
|  | 8003210406          | 50-321 S            |  | 8003190832*         | FOIA                |
|  | 8003210412          | 50-321 S            |  | 8003190836*         | FOIA                |
|  | 8003210416*         | 50-321 S            |  | 8003190845*         | FOIA                |
|  | 8003210433          | 50-366 S            |  | 8003190869*         | FOIA                |
|  | 8003210438*         | 50-366 S            |  | 8003190874*         | FOIA                |
|  | 8003210451          | 50-321 S            |  | 8003190881*         | FOIA                |
|  | 8003210455*         | 50-321 S            |  | 8003190887*         | FOIA                |
|  | 8003240310          | 50-321 Q            |  | 8003190895*         | FOIA                |
|  | 8003240439          | 50-424 S            | House of Rep                               | 7906290617*         | MISC                |
|  | 8003250395          | 50-366 S            |  | 8003060209*         | 50-387 U            |
|  | 8003250399*         | 50-366 S            |  | 8003060497*         | 50-275 U            |
|  | 8003260550          | 50-321 S            |  | 8003060505*         | MISC                |
|  | 8003260555*         | 50-321 S            |  | 8003200051*         | 70-143              |
|  | 8003310018*         | 50-424 Q            |  | 8003250177          | PRM                 |
|  | 8003310081*         | 50-321 Q            |  | 8003250473          | 50-10 U             |
|  | 8003310364          | 50-424 Q            |  | 8003260107*         | FOIA                |
| Germany, Federal Republic of               | 8003250425          | NUREG               | House of Rep ; Appropriations              | 8003060459*         | 50-352 U            |
| Gibbs & Hill, Inc (subs of Dravo Corp.)    | 8003190501*         | 50-320 H            | House of Rep ; Foreign Affairs             | 8003200070*         | 50-367 U            |
| Gilbert/Commonwealth Cos                   | 7912050382*         | 50-458 A            | House of Rep ; Government Operations       | 8003060404*         | 50-546 U            |
|  | 8003240397          | TOPREP              | House of Rep ; Interest & Foreign Commerce | 8003060015          | PR                  |
|  | 8003240399*         | TOPREP              |  |                     |                     |
| Oguld-Brown Boveri                         | 8003040707          | 50-413 S            | Houston Lighting & Power Co                | 8003030137          | 50-445 H            |
| Graham, R. L.                              | 8003190611          | 50-367 Q            |  | 8003030404          | 50-498 F            |
| Gulf Nuclear, Inc                          | 8003030002          | PR                  |  | 8003030404          | 50-498 F            |
|  | 8003140136          | REQD                |  | 8003040228*         | 50-498 Q            |
|  |                     |                     |  | 8003040271          | 50-445 H            |
| Gulf Oil Corp., Gulf Mineral Resources Co  | 8003190973          | REQD                |  | 8003040271          | 50-445 H            |
|  | 8003210017          | WASTE MGT           |  | 8003040271          | 50-445 H            |
|  | 8003210021*         | WASTE MGT           |  | 8003050210          | 50-498 Q            |
|  | 8003260483          | REQD                |  | 8003060211          | 50-498 S            |
| Gulf States Utilities Co                   | 8003130503          | 50-510 A            |  | 8003060211          | 50-498 B            |
|  | 8003170422          | 50-458 A            |  | 8003060221*         | 50-498 B            |
| HEW, Dept of, US Public Health Service     | 8003170107          | PR                  |  | 8003060221*         | 50-498 B            |
| Hanford Engineering Development Laboratory | 8003200297          | PROJ                |  | 8003060238          | 50-445 H            |
| Harsco Corp, Quaker Alloy Casting Co Div   | 8003190505*         | 50-320 H            |  | 8003060660          | 50-498 Q            |
| Heidelberg, Univ of                        | 8003060575*         | COMMISSION          |  | 8003060660          | 50-498 Q            |
|  |                     |                     |  |                     |                     |
| Helmut Thielach                            | 8003130214*         | 50-269 Q            |  | 8003100001          | 50-471 A            |
| Hill Christopher & Phillips                | 8003280028          | 50-275 Q            |  | 8003130231*         | 50-344 Q            |
| Hirschkop & Grad P C                       | 8003200313          | FOIA                |  | 8003130548          | 50-498 A            |
| Hittman Corp                               | 8003250112          | 71-24               |  | 8003130688*         | 50-498 Q            |
|  | 8003250115*         | 71-24               |  |                     |                     |
|  | 8003250119*         | 71-24               |  | 8003130688*         | 50-498 Q            |
| Homestake Mining Co                        | 8003140115          | WASTE MGT           |  | 8003130692*         | 50-498 Q            |
|  | 8003140450*         | WASTE MGT           |  | 8003140267          | 50-498 S            |
|  | 8003180225          | 40-8434             |  | 8003140267          | 50-498 S            |
| Honeywell, Inc                             | 8003190350*         | FOIA                |  | 8003140273*         | 50-498 S            |
|  |                     |                     |  |                     |                     |
|  | 8003190359*         | FOIA                |  | 8003140273*         | 50-498 S            |
|  | 8003190371*         | FOIA                |  | 8003190053          | 50-498 S            |
|  | 8003190379*         | FOIA                |  | 8003190063*         | 50-498 S            |
|  | 8003190389*         | FOIA                |  | 8003190063*         | 50-498 S            |
|  | 8003190406*         | FOIA                |  |                     |                     |
|  | 8003190414*         | FOIA                |  | 8003200256          | 50-445 H            |
|  | 8003190450*         | FOIA                |  | 8003240447          | REQD                |
|  | 8003190471*         | FOIA                |  | 8003280328          | 50-445 H            |
|  | 8003190477*         | FOIA                |  | 8003250328          | 50-445 H            |
|  | 8003190486*         | FOIA                |  | 8003250328          | 50-445 H            |
|  | 8003190505*         | FOIA                |  | 8003250328          | 50-445 H            |
|  | 8003190511*         | FOIA                |  | 8003250333*         | 50-445 H            |
|  | 8003190524*         | FOIA                |  | 8003250333*         | 50-445 H            |
|  | 8003190543*         | FOIA                |  | 8003250333*         | 50-445 H            |
|  | 8003190577*         | FOIA                |  | 8003250333*         | 50-445 H            |
|  | 8003190590*         | FOIA                |  | 8003250339*         | 50-445 H            |
|  | 8003190680*         | FOIA                |  | 8003250339*         | 50-445 H            |
|  | 8003190684*         | FOIA                |  | 8003250339*         | 50-445 H            |
|  | 8003190698*         | FOIA                |  | 8003250339*         | 50-445 H            |
|  | 8003190701*         | FOIA                |  | 8003250346*         | 50-445 H            |
|  |                     |                     |  |                     |                     |
|  | 8003190704*         | FOIA                |  | 8003250346*         | 50-445 H            |
|  | 8003190708*         | FOIA                |  | 8003250346*         | 50-445 H            |
|  |                     |                     |  | 8003270218*         | 50-498 Q            |

## CORPORATE SOURCE INDEX

429

| AUTHOR<br>AFFILIATION                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                      | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--|---------------------|---------------------|
|   | 8003280479          | 50-498 S            | Interior, Dept of, Fish & Wildlife Service | 8003060025          | 40-8721             |
|   | 8003280644          | 50-498 Q            |  | 8003060890          | 50-275 A            |
|   | 8003310036*         | 50-445 M            |  | 8003110388          | 50-397 A            |
|   | 8003310036*         | 50-445 M            |  | 8003190012          | 40-8745             |
|   | 8003310036*         | 50-445 M            |  | 8003190239*         | MISC                |
| Hudson Light & Power Dept                 | 8003310042*         | 50-445 M            | Interior, Dept of, Geological Survey       | 8003250479          | 40-4492             |
| Huntton & Williams                        | 8003130693*         | 50-498 Q            |  | 8003070078          | 50-374 A            |
|   | 8003060420          | 50-322 Q            |  | 8003110035          | PR                  |
|   | 8003060437*         | 50-322 Q            |  | 8003110048          | PR                  |
|   | 8003260557          | 50-338 Q            |  | 8003180144          | PR                  |
| Ichthyological Associates, Inc            | 8003110554*         | 50-320 R            |  | 8003240390          | 50-367 R            |
| Illinois Power Co                         | 8003110516          | 50-461 Q            |  | 8003240444          | 50-367 A            |
|   | 8003180524          | 50-461 A            |  | 8003240536          | 70-1358             |
|   | 8003180583          | 50-461 A            | Interior, Dept of, National Park Service   | 8003250133          | 40-4492             |
|   | 8003200455          | 50-461 A            |  | 8003060576          | 50-367 A            |
| Illinois, State of                        | 8003250482          | 50-461 S            | International Verbatim Reporters, Inc      | 8003170083          | 40-4492             |
|   | 8003170469          | 50-367 Q            |  | 8003270114          | 50-312 T            |
|   | 8003180258          | PR                  |  | 8003310003          | 50-312 T            |
|   | 8003180444          | 50-373 A            | Intervenor's Cleston                       | 8003190060          | 50-471 Q            |
|   | 8003180444          | 50-373 A            | Iowa Electric Light & Power Co             | 8003030473          | 50-331 S            |
|   | 8003180530          | 50-373 A            |  | 8003030474*         | 50-331 S            |
|   | 8003180530          | 50-373 A            |  | 8003040468          | 50-331 R            |
|   | 8003190009          | 40-2061             |  | 8003040472*         | 50-331 R            |
|   | 8003240316          | 50-404 A            |  | 8003040483          | 50-331 R            |
|   | 8003240340          | PR                  |  | 8003040488*         | 50-331 R            |
|   | 8003280345          | 50-367 Q            |  | 8003040527          | 50-331 S            |
|   | 8003310043          | 50-295 Q            |  | 8003040537*         | 50-331 S            |
|   | 8003310043          | 50-295 Q            |  | 8003050465          | 50-331 S            |
|   | 8003310045*         | 50-295 Q            |  | 8003050469*         | 50-331 S            |
|   | 8003310045*         | 50-295 Q            |  | 8003060322*         | 50-331 Q            |
| Illinois, Univ. of, Urbana-Champaign      | 8003050462          | 50-131 R            |  | 8003060357*         | 50-331 Q            |
| Indiana & Michigan Electric Co            | 8003050466*         | 50-131 R            |  | 8003070233          | 50-331 P            |
|   | 8003030397          | 50-316 S            |  | 8003070239*         | 50-331 P            |
|   | 8003030399*         | 50-316 S            |  | 8003070315          | 50-331 R            |
|   | 8003040513          | 50-316 S            |  | 8003070318*         | 50-331 R            |
|   | 8003040523*         | 50-316 S            |  | 8003120472          | 50-331 P            |
|   | 8003040534*         | 50-316 S            |  | 8003120527          | 50-331 S            |
|   | 8003040543*         | 50-316 S            |  | 8003120531*         | 50-331 S            |
|   | 8003040570          | 50-316 S            |  | 8003130661          | 50-331 S            |
|   | 8003040582*         | 50-316 S            |  | 8003170491          | 50-331 S            |
|   | 8003050209          | 50-316 S            |  | 8003170495*         | 50-331 S            |
|   | 8003050487          | 50-316 S            |  | 8003180369          | 50-331 R            |
|   | 8003050488          | 50-315 S            |  | 8003180373*         | 50-331 R            |
|   | 8003050488          | 50-315 S            |  | 8003180507          | 50-331 F            |
|   | 8003050505          | 50-315 F            |  | 8003180517          | 50-331 S            |
|   | 8003050505          | 50-315 F            |  | 8003180522*         | 50-331 S            |
|   | 8003060267*         | 50-315 Q            |  | 8003180625          | 50-331 S            |
|   | 8003060597          | 50-316 S            |  | 8003190527          | 50-331 P            |
|   | 8003060602*         | 50-316 S            |  | 8003200245          | 50-331 S            |
|   | 8003070366          | 50-315 F            |  | 8003200371          | 50-331 Q            |
|   | 8003070366          | 50-315 F            |  | 8003200389          | 50-331 S            |
|   | 8003110674          | 50-314 S            |  | 8003200391*         | 50-331 S            |
|   | 8003110677*         | 50-314 S            |  | 8003200394          | 50-331 S            |
|   | 8003120545          | 50-315 P            |  | 8003200396*         | 50-331 S            |
|   | 8003120545          | 50-315 P            |  | 8003240449          | 50-331 P            |
|   | 8003130422          | 50-315 R            |  | 8003240454*         | 50-331 P            |
|   | 8003130422          | 50-315 R            |  | 8003240457*         | 50-331 P            |
|   | 8003130424*         | 50-315 R            |  | 8003240488          | 50-331 S            |
|   | 8003130424*         | 50-315 R            |  | 8003240493*         | 50-331 S            |
|   | 8003130426          | 50-315 Q            |  | 8003250530          | 50-331 S            |
|   | 8003180473          | 50-315 P            |  | 8003250556          | 50-331 S            |
|   | 8003180473          | 50-315 P            |  | 8003260247          | 50-331 Q            |
|   | 8003180525          | 50-315 P            |  | 8003260488          | 50-331 S            |
|   | 8003180526          | 50-315 S            |  | 8003270378          | 50-331 S            |
|   | 8003180534*         | 50-315 S            |  | 8003280491          | 50-331 P            |
|   | 8003200483          | 50-316 S            |  | 8003310248          | 71-9079             |
|   | 8003210355          | 50-316 S            |  | 8003310291          | 50-331 S            |
|   | 8003240034          | 50-315 P            |  | 8003310294*         | 50-331 S            |
|   | 8003240634          | PR                  | Iowa Public Interest Research Group        | 8002140292          | PR                  |
|   | 8003250317          | 50-316 P            | Isam, Lincoln & Deale                      | 8002250057          | 50-556 Q            |
| Indiana, State of                         | 8003310341          | 50-315 S            |  | 8003030161          | 50-155 Q            |
| Institute of Electrical & Electronic      | 8003060469          | PR                  |  | 8003040278          | 50-445 M            |
| Engineers                                 | 8003190384          | REQ00               |  | 8003060433          | 50-275 P            |
| Interagency Review Group on Nuclear Waste | 8003060351          | PR                  |  | 8003060656          | 50-445 M            |
| Management                                | 8003180154          | PR                  |  | 8003130201          | 50-329 Q            |
|   | 8003180174          | PR                  |  | 8003180272          | 50-556 Q            |
| Interfaith Center on Corporate Responsib  | 8003270046          | 50-374 Q            |  | 8003190622          | 50-498 M            |
| ility                                     |                     |                     |  | 8003200227          | 50-155 Q            |
| Interior, Dept of                         | 8003180181          | 40-4492             |  | 8003240491          | 50-556 Q            |
| Interior, Dept of, Bureau of Land         | 7911060017*         | COMMISSION          |  | 8003240549          | 50-445 M            |
| Management                                | 8003240609          | 40-4492             |  | 8003260224          | 50-255 Q            |
|   |                     |                     |  | 8003260235*         | 50-255 Q            |
|   |                     |                     |  | 8003270243          | 50-155 Q            |
| Interior, Dept of, Bureau of Mines        | 8003240160          | 40-4492             |  | 8003310123          | 50-155 Q            |
|   |                     |                     |  | 8003310126*         | 50-155 Q            |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|--|---------------------|---------------------|
| Ishikawajima - Harima Heavy Industries<br>Co., Ltd | 8003100221*         | 0A999               |  | 8003060140          | 50-482 K            |
| J. L. Shepherd & Associates, Inc                   | 8003130192          | 71-5984             |  | 8003060145          | 50-482 K            |
| J. R. Birmingham Co                                | 8003130198*         | 71-5984             |  | 8003060132          | 50-482 K            |
| JMK International Corp                             | 8003170303*         | CONTRACT            |  | 8003060139          | 50-482 K            |
|  | 8003140049          | FDIA                |  | 8003060164          | 50-482 A            |
| Jack R. Benjamin & Associates, Inc                 | 8003140239*         | 50-70 P             |  | 8003060174          | 50-482 C            |
| Japan  | 8003170090          | XPORTLIC            |  | 8003060183*         | 50-482 C            |
|  | 8003250025          | XPORTLIC            |  | 8003060192          | 50-482 K            |
|  | 8003310186          | XPORTLIC            |  | 8003170039          | 50-482 A            |
| Jersey Central Power & Light Co                    | 8003040587          | 50-219 S            |  | 8003170412          | 50-482 A            |
|  | 8003040599*         | 50-219 S            |  |                     |                     |
|  | 8003050410          | 50-219 Q            |  | 8003190116          | 50-482 A            |
|  | 8003050497          | 50-219 R            |  | 8003190123          | 50-482 A            |
|  | 8003060605          | 50-219 S            | Kansas, Univ. of   | 8003190139          | 50-482 A            |
|  | 8003060608*         | 50-219 S            |  | 8003120366          | 50-148 P            |
|  |                     |                     |  | 8003120376*         | 50-148 P            |
|  | 8003070374          | 50-219 S            |  | 8003120383*         | 50-148 P            |
|  | 8003070378*         | 50-219 S            |  | 8003120391*         | 50-148 P            |
|  | 8003110003          | 50-219 R            |  | 8003120408*         | 50-148 P            |
|  | 8003110008*         | 50-219 R            | Kern-Bransle-Sakerhet                                    | 8003180260          | PR                  |
|  | 8003110016          | 50-219 R            | Kentucky, State of                                       | 8003060478          | PR                  |
|  |                     |                     |  |                     |                     |
|  | 8003110020*         | 50-219 R            |  | 8003250354          | 50-358 Q            |
|  | 8003110061          | 50-219 S            |  | 8003280033          | 50-358 Q            |
|  | 8003110068*         | 50-219 S            | Kernforschungszentrum Karlsruhe                          |                     |                     |
|  | 8003110539          | 50-219 P            | Kerr-McGee Chemical Corp. (subs. of<br>Kerr-McGee Corp.) | 8003190091          | 40-2061             |
|  | 8003110545*         | 50-219 P            |  | 8003250090          | 40-2061             |
|  |                     |                     |  |                     |                     |
|  | 8003110548*         | 50-219 P            | Kerr-McGee Nuclear Corp.                                 | 8003140001          | 70-1193             |
|  | 8003120301          | 50-219 P            |  | 8003140002*         | 70-1193             |
|  | 8003140046          | 50-363 Q            |  | 8003140077          | 40-8727             |
|  | 8003140068          | 50-219 Q            |  | 8003190021          | 40-8027             |
|  | 8003170023          | 50-219 P            |  | 8003190029*         | 40-8027             |
|  |                     |                     |  |                     |                     |
|  | 8003170028          | 50-219 P            |  | 8003310271          | 70-925              |
|  | 8003170058          | 50-219 S            |  | 8003310271          | 70-925              |
|  | 8003170324          | 50-219 S            |  | 8003310274*         | 70-925              |
|  | 8003170328*         | 50-219 S            |  | 8003310274*         | 70-925              |
|  | 8003170330          | 50-219 S            | Kriemeyer, H.  | 8003110550          | 50-289 D            |
|  |                     |                     |  |                     |                     |
|  | 8003170335*         | 50-219 S            | Kudzu Alliance   | 8003190291*         | 50-400 Q            |
|  | 8003190540          | 50-219 S            | Lancaster, PA  | 8003140106*         | 50-320 P            |
|  | 8003190545          | 50-219 S            | Lawrence Berkeley Laboratory                             | 8003110047          | PR                  |
|  | 8003190579*         | 50-219 S            |  | 8003180226          | PR                  |
|  | 8003190586*         | 50-219 S            |  | 8003180241          | PR                  |
|  |                     |                     |  |                     |                     |
|  | 8003200386          | 50-219 P            | Lawrence Livermore Laboratory                            | 8003180281          | PR                  |
|  | 8003210008          | 50-219 Q            |  | 8003180237          | PR                  |
|  | 80032210036*        | 50-219 Q            |  | 8003200346          | NUREG               |
|  | 80032210342         | 50-219 R            |  | 8003250278          | NUREG               |
|  | 80032210344*        | 50-219 R            |  | 8003250459          | NUREG               |
|  |                     |                     |  |                     |                     |
|  | 8003210544          | 50-219 S            | LeBoeuf, Lamb, Leiby & MacRae                            | 8003280652          | NUREG               |
|  | 8003210552*         | 50-219 S            |  | 8003060223          | 50-485 Q            |
|  | 8003260604          | 50-219 S            |  | 8003130553          | 50-244 P            |
|  | 8003260611*         | 50-219 S            |  | 8003190318          | PR                  |
|  | 8003280542          | 50-219 Q            |  | 8003190565          | 50-220 P            |
|  |                     |                     |  |                     |                     |
|  | 8003280621*         | 50-219 Q            | League of Women Voters of San Luis                       | 8003250252          | PR                  |
|  | 8003040264*         | CONTRACT            | Obispo, CA   |                     |                     |
| John F. Holman & Co., Inc                          | 8003190461*         | FOIA                | Ledoux & Co., Inc  | 8003060443*         | 40-8188             |
| Johnson, J. E.                                     | 8003030146          | 50-445 M            | Lead, R.H.   | 8003060219          | 50-522 Q            |
| Justice, Dept. of                                  | 8003040206*         | CONTRACT            | Legal Aid Society of Clermont County, OH                 | 8003040346          | FOIA                |
|  |                     |                     |  | 8003200520          | PR                  |
|  |                     |                     |  |                     |                     |
|  | 8003040683          | 50-389 M            | Long Island Lighting Co                                  | 8003040050          | 50-322 Q            |
|  | 8003060402          | 50-445 M            |  | 8003050137          | 50-322 Q            |
|  | 8003060402          | 50-445 M            |  | 8003050246          | 50-322 A            |
|  | 8003060402          | 50-445 M            |  | 8003060420          | 50-322 Q            |
|  |                     |                     |  | 8003060437*         | 50-322 Q            |
|  |                     |                     |  |                     |                     |
|  | 8003060406*         | 50-445 M            |  | 8003120742          | 50-516 Q            |
|  | 8003060406*         | 50-445 M            |  | 8003200497          | 50-322 S            |
|  | 8003060406*         | 50-445 M            | Los Alamos Scientific Laboratory                         | 8003100199          | NUREG               |
|  | 8003250321          | 50-443 M            |  | 8003100204          | NUREG               |
|  |                     |                     |  | 8003110043          | PR                  |
|  |                     |                     |  |                     |                     |
|  | 8003260447          | MISC                |  | 8003240092          | RES                 |
|  | 8003310032          | 50-445 M            |  | 8003260650          | RES                 |
| Justice, Dept. of, Attorney General's<br>Office    | 8003310064          | 50-445 M            |  | 8003260652          | RES                 |
|  | 8003060520*         | 50-361 M            | Louisiana Power & Light Co                               | 8003060240          | 50-382 Q            |
|  |                     |                     |  | 8003180397          | 50-382 S            |
|  | 8003260626          | 50-471 M            |  |                     |                     |
|  |                     |                     |  |                     |                     |
| KMC, Inc   | 8003040086          | PR                  |  | 8003180548          | 50-382 S            |
| Kaiser Engineers                                   | 8003060669          | PRM                 |  | 8003190626          | 50-382 S            |
| Kansas Gas & Electric Co                           | 8003270116          | 40-4492             |  | 8003280649          | 50-382 Q            |
|  | 8003060066          | 50-482 K            | Louisiana State Univ                                     | 8003280558          | 50-458 A            |
|  | 8003060070*         | 50-482 K            | Lowenstein, Neuman, Reis, Axlad & Toll                   | 8003040288          | 50-367 Q            |
|  |                     |                     |  |                     |                     |
|  | 8003060075          | 50-482 K            |  | 8003040698          | 50-522 Q            |
|  | 8003060080          | 50-482 K            |  | 8003050001          | 50-367 Q            |
|  | 8003060088          | 50-482 K            |  | 8003060660          | 50-498 Q            |
|  | 8003060101          | 50-482 K            |  | 8003120690          | PR                  |
|  | 8003060105          | 50-482 K            |  | 8003130216          | 50-344 Q            |
|  |                     |                     |  |                     |                     |
|  | 8003060119          | 50-482 K            |  | 8003130218*         | 50-344 Q            |
|  | 8003060124          | 50-482 K            |  | 8003130231*         | 50-344 Q            |
|  | 8003060132          | 50-482 K            |  | 8003130247*         | 50-344 Q            |

## CORPORATE SOURCE INDEX

431

| AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                          | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                                       | 8003130279*         | 50-344 Q            |  | 8003250436          | 50-302 J            |
|                                       | 8003130297*         | 50-344 Q            | Marubeni America Corp (subs of Marubeni Corp.) | 8003030181          | XPORTLIC            |
|                                       | 8003190380          | PR                  | Maryland, State of                             | 8003110667          | 50-320 P            |
|                                       | 8003190392*         | PR                  | Maryland, Univ of                              | 8003200016*         | COMMISSION          |
|                                       | 8003200034          | 50-445 M            |  | 8003130103*         | 50-344 P            |
|                                       | 8003200034          | 50-445 M            |  | 8003130111*         | 50-344 P            |
|                                       | 8003200123*         | 100FR               | Massachusetts Institute of Technology          | 8003180341          | 50-20 P             |
|                                       | 8003200128*         | 100FR               |  | 8003180577          | 50-20 P             |
|                                       | 8003200256          | 50-445 M            |  | 8003190101          | NUREG               |
|                                       | 8003200256          | 50-445 M            |  | 8003200350          | NUREG               |
|                                       | 8003200256          | 50-445 M            |  |                     |                     |
|                                       | 8003200263          | FR                  | Massachusetts, State of                        | 8003030425          | 50-471 Q            |
|                                       | 8003200297*         | 50-445 M            |  | 8003050629*         | 50-289 Q            |
|                                       | 8003200310*         | 50-445 M            |  | 8003200183*         | 100FR               |
|                                       | 8003200310*         | 50-445 M            | Matthews, Nowlin, Macfarlane & Barrett         | 8003050179          | 50-498 M            |
|                                       |                     |                     | Mayer, Brown & Platt                           | 8003250566          | 70-1308             |
|                                       | 8003200310*         | 50-445 M            |  |                     |                     |
|                                       | 8003240088          | 50-367 Q            | McCutchen, Doyle, Brown & Emerson              | 8003190910          | PROJ                |
|                                       | 8003250022          | PR                  |  | 8003250295          | PROJ                |
|                                       | 8003250203          | 50-445 M            |  | 8003250311          | PROJ                |
|                                       | 8003250269          | PR                  | McGrath, E J                                   | 8003190079          | WASTE MGT           |
|                                       |                     |                     |  | 8003200014          | WASTE MGT           |
|                                       | 8003250328          | 50-445 M            |  |                     |                     |
|                                       | 8003250328          | 50-445 M            |  | 8003310430          | WASTE MGT           |
|                                       | 8003250328          | 50-445 M            |  | 8003310442          | WASTE MGT           |
|                                       | 8003250333*         | 50-445 M            | Metropolitan Area Planning Agency              | 8003180561          | 50-285 Q            |
|                                       | 8003250333*         | 50-445 M            | Omaha, NE                                      |                     |                     |
|                                       |                     |                     |  | 8003180568*         | 50-285 Q            |
|                                       | 8003250333*         | 50-445 M            |  | 8003180578          | 50-285 P            |
|                                       | 8003250339*         | 50-445 M            |  |                     |                     |
|                                       | 8003250339*         | 50-445 M            | Metropolitan Edison Co                         | 8003030621*         | 50-320 Q            |
|                                       | 8003250339*         | 50-445 M            |  | 8003040002          | 50-289 P            |
|                                       | 8003250346*         | 50-445 M            |  | 8003040007*         | 50-289 P            |
|                                       |                     |                     |  | 8003040013*         | 50-320 P            |
|                                       | 8003250346*         | 50-445 M            |  | 8003040037          | 50-320 T            |
|                                       | 8003250346*         | 50-445 M            |  |                     |                     |
| Lower Alloways Creek, NJ              | 8003260454          | 50-445 M            |  | 8003040037          | 50-320 T            |
| Madison Gas & Electric Co             | 8003310363          | 50-311 Q            |  | 8003040261          | 50-320 T            |
|                                       | 8003030197*         | 50-305 R            |  | 8003040272          | 50-320 T            |
|                                       |                     |                     |  | 8003040300          | 50-289 Q            |
| Maine Yankee Atomic Power Co          | 8003050496*         | 50-305 R            |  | 8003050052          | 50-289 Q            |
|                                       | 8003040193          | 50-309 P            |  |                     |                     |
|                                       | 8003040197*         | 50-309 P            |  | 8003050076          | 50-289 Q            |
|                                       | 8003040432          | 50-309 P            |  | 8003050082          | 50-289 Q            |
|                                       | 8003040606          | 50-309 P            |  | 8003050149          | 50-289 Q            |
|                                       |                     |                     |  | 8003050160          | 50-289 Q            |
|                                       | 8003050365          | 50-309 P            |  | 8003050375          | 50-289 P            |
|                                       | 8003070324          | 50-309 S            |  |                     |                     |
|                                       | 8003070337*         | 50-309 S            |  | 8003050392          | 50-289 H            |
|                                       | 8003110001          | 50-309 P            |  | 8003050511          | 50-320 P            |
|                                       | 8003110448          | 50-309 P            |  | 8003050511          | 50-320 P            |
|                                       |                     |                     |  | 8003060255*         | 50-289 Q            |
|                                       | 8003120463          | 50-309 P            |  | 8003060492          | 50-289 Q            |
|                                       | 8003120466*         | 50-309 P            |  |                     |                     |
|                                       | 8003120670          | 71-5026             |  | 8003060823          | 50-320 R            |
|                                       | 8003120721          | 50-309 S            |  | 8003060824*         | 50-320 R            |
|                                       | 8003130254*         | 50-309 P            |  | 8003070363          | 50-289 P            |
|                                       |                     |                     |  | 8003100054*         | 50-320 Q            |
|                                       | 8003170184          | 50-309 P            |  |                     |                     |
|                                       | 8003170419          | 50-309 R            |  | 8003100057          | 50-320 P            |
|                                       | 8003170428*         | 50-309 R            |  | 8003110524          | 50-289 P            |
|                                       | 8003170485          | 50-309 R            |  | 8003110553          | 50-320 S            |
|                                       | 8003170489*         | 50-309 R            |  | 8003110556*         | 50-320 S            |
|                                       |                     |                     |  | 8003110572          | 50-320 S            |
|                                       | 8003180628          | 50-309 S            |  |                     |                     |
|                                       | 8003200502          | 50-309 P            |  | 8003110575*         | 50-320 S            |
|                                       | 8003200638          | 50-309 P            |  | 8003110623          | 50-320 P            |
|                                       | 8003240119          | 50-309 P            |  | 8003110673          | 50-320 S            |
|                                       | 8003240122*         | 50-309 P            |  | 8003110679*         | 50-320 S            |
|                                       |                     |                     |  | 8003120483          | 50-289 S            |
|                                       | 8003240614          | 50-309 S            |  |                     |                     |
|                                       | 8003280401          | 50-309 P            |  | 8003120487*         | 50-289 S            |
|                                       | 8003280407*         | 50-309 P            |  | 8003120561          | 50-320 S            |
|                                       | 8003280504          | 50-309 S            |  | 8003120561          | 50-320 S            |
|                                       | 8003280507*         | 50-309 S            |  | 8003120565*         | 50-320 S            |
|                                       |                     |                     |  | 8003120565*         | 50-320 S            |
|                                       | 8003310302          | 50-309 S            |  |                     |                     |
| Marsh & McLennan, Inc., M & M Nuclear | 8003310306*         | 50-309 S            |  | 8003120585          | 50-320 P            |
| Consultants, Inc. Div                 | 8003030317          | 50-327 J            |  | 8003120585          | 50-320 P            |
|                                       |                     |                     |  | 8003120758          | 50-320 P            |
|                                       | 8003030320          | 50-302 J            |  | 8003130078          | 50-320 P            |
|                                       | 8003040613          | 50-250 J            |  | 8003130091          | 50-320 P            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003110485          | 50-327 J            |  | 8003130124          | 50-320 P            |
|                                       | 8003110498          | 50-272 J            |  | 8003130152          | 50-289 S            |
|                                       | 8003110498          | 50-272 J            |  | 8003130518          | 50-320 P            |
|                                       | 8003110659          | 50-272 J            |  | 8003130518          | 50-320 P            |
|                                       | 8003110659          | 50-272 J            |  | 8003140018          | 50-289 Q            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003130478          | 50-18 J             |  | 8003170283          | 50-320 P            |
|                                       | 8003180360          | 50-346 J            |  | 8003170453          | 50-320 P            |
|                                       | 8003180626          | 50-272 J            |  | 8003170487          | 50-289 S            |
|                                       | 8003230430          | 50-250 J            |  | 8003170493*         | 50-289 S            |
|                                       | 8003250431          | 50-348 J            |  | 8003180141          | 50-320 S            |
|                                       |                     |                     |  |                     |                     |
|                                       | 8003250431          | 50-348 J            |  |                     |                     |
|                                       | 8003250434          | 50-348 J            |  | 8003180145          | 50-320 S            |
|                                       | 8003250435          | 50-321 J            |  | 8003180302          | 50-289 P            |
|                                       |                     |                     |  | 8003180480          | 50-289 P            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION        | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                              | 8003180545          | 50-320 S            |  | 8003240396          | 50-416 B            |
|                              | 8003180554*         | 50-320 S            |  | 8003250562          | 50-416 Q            |
|                              | 8003180570          | 50-320 P            |  | 8003260271          | 50-416 Q            |
|                              | 8003210385          | 50-289 P            |  | 8003310314          | 50-416 K            |
|                              | 8003240312          | 50-289 R            |  | 8003310317*         | 50-416 K            |
|                              | 8003240314*         | 50-289 R            |  | 8003310367*         | 50-416 K            |
|                              | 8003240394          | 50-320 S            | Missouri, State of                     | 8003040310          | 70-36               |
|                              | 8003250198          | 50-289 Q            | Missouri, Univ of, Columbia            | 8003170108          | PR                  |
|                              | 8003250366          | 50-289 Q            |  | 8003180076          | 50-186 P            |
|                              | 8003250488          | 50-320 S            | Missouri, Univ of, Rolla               | 8003060638*         | 50-123 Q            |
|                              | 8003250494*         | 50-320 S            |  | 8003060643*         | 50-123 Q            |
|                              | 8003250497          | 50-320 P            |  | 8003210583          | 50-123 Q            |
|                              | 8003250538          | 50-289 S            | Mitsui Corp                            | 8003189214          | PR                  |
|                              | 8003250543*         | 50-289 S            | Mitsubishi International Corp (subs of | 8003280198          | XPORTLIC            |
|                              | 8003250546          | 50-320 S            | Mitsubishi Corp )                      | 8003280216          | XPORTLIC            |
|                              | 8003250560*         | 50-320 S            |  | 8003060253          | 70-2539             |
|                              | 8003250562          | 50-289 P            | Mitsubiline Travel Service of America, |                     |                     |
|                              | 8003250564          | 50-320 S            | Inc.                                   | 8003240067          | 71-5908             |
|                              | 8003250568*         | 50-320 S            | Monsanto Research Corp                 | 7910260222*         | MISC                |
|                              | 8003260491          | 50-320 P            | Morgan, Finnegan, Pine, Foley & Lee    | 7910260224*         | MISC                |
|                              | 8003270135          | 50-289 Q            | Movement for a Free Philippines        | 8003060749          | 50-574 Q            |
|                              | 8003270144          | 50-320 F            |  |                     |                     |
|                              | 8003270151          | 50-320 P            | N M Newmark Consulting Engineering     | 8003270425*         | TOPREP              |
|                              | 8003270151          | 50-320 P            | Services                               |                     |                     |
|                              | 8003270155          | 50-320 P            |  | 8003310250          | 50-237 P            |
|                              | 8003270162          | 50-320 P            | NL Industries, NL Nuclear Div          | 8003310044          | 71-244              |
|                              | 8003270162          | 50-320 P            |  | 8003310046*         | 71-244              |
|                              | 8003270166*         | 50-320 P            | NUSAC, Inc                             | 8003140399          | FOIA                |
|                              | 8003270168*         | 50-320 P            |  |                     |                     |
|                              | 8003280544          | 50-289 P            | National Aeronautics & Space Admin     | 8003050377          | 50-185 R            |
|                              | 8003310252          | 50-289 P            |  | 8003050381*         | 50-185 R            |
|                              | 8003310275          | 50-289 P            |  | 8003240412          | 50-185 P            |
|                              | 8003310277*         | 50-289 P            |  | 8003240416*         | 50-185 P            |
|                              | 8003310279          | 50-320 S            |  | 8003240419*         | 50-185 P            |
|                              | 8003310284*         | 50-320 S            |  |                     |                     |
|                              | 8003310321          | 50-320 J            |  | 8003250441          | 50-30 P             |
|                              | 8003310346          | 50-320 P            |  | 8003250443*         | 50-30 P             |
|                              | 8003310346          | 50-320 P            |  | 8003250444*         | 50-30 P             |
| Michigan Chemical Corp       | 8003130311*         | 40-6264             | National Rural Electric Cooperative    | 8003250446*         | 50-30 P             |
|                              | 8003130319*         | 40-6264             | Association                            | 8003250448*         | 50-30 P             |
|                              | 8003130331*         | 40-6264             | National Wildlife Federation           |                     |                     |
|                              | 8003130349*         | 40-6264             | Natural Resources Defense Council      | 8003310254          | PR                  |
|                              | 8003130362*         | 40-6264             |  | 8003130145          | 40-4492             |
|                              | 8003130371*         | 40-6264             |  | 8003050310          | 70-143              |
|                              | 8003130385*         | 40-6264             |  | 8003050315          | 70-143              |
|                              | 8003130448*         | 40-6264             |  | 8003060353          | FOIA                |
|                              | 8003130451*         | 40-6264             |  |                     |                     |
|                              | 8003130454*         | 40-6264             |  | 8003100196          | 50-574 Q            |
|                              | 8003130466*         | 40-6264             |  | 8003120156*         | 70-143              |
|                              | 8003130470*         | 40-6264             |  | 8003120163*         | 70-143              |
|                              | 8003130475*         | 40-6264             |  | 8003120170*         | 70-143              |
|                              | 8003130477*         | 40-6264             |  | 8003120178*         | 70-143              |
|                              | 8003130480*         | 40-6264             |  |                     |                     |
|                              | 8003130494*         | 40-6264             | Navy, Dept of                          | 8003190617          | 50-271 Q            |
|                              | 8003130509*         | 40-6264             |  | 8003060052          | 71-273              |
|                              | 8003130512*         | 40-6264             |  | 8003060056*         | 71-273              |
| Michigan State Univ          | 8003170180          | 50-294 R            |  | 8003140334*         | 40-8713             |
| Midwest Research Institute   | 8003040115          | PR                  |  | 8003140342*         | 40-8713             |
| Millersville State College   | 8003040323          | NURE0               |  |                     |                     |
| Minnesota, State of          | 8003140242*         | 50-255 P            |  | 8003140355*         | 40-8713             |
| Mississippi Power & Light Co | 8003200477          | 50-2                |  | 8003140460*         | CONTRACT            |
|                              | 8003250093          | 71-348              |  | 8003240076*         | 71-360              |
|                              | 8003250100*         | 71-348              |  | 8003240143          | 71-9032             |
|                              | 8003260614          | 50-2                |  | 8003280578          | 71-373              |
|                              | 8003270105*         | CONTRACT            |  |                     |                     |
|                              | 8003060287*         | 50-289 H            |  | 8003280610*         | 71-373              |
|                              | 8003210046*         | FOIA                |  | 8003310156          | 71-364              |
|                              | 8003170427          | 50-320 H            |  | 8003310158*         | 71-364              |
|                              | 8003260602          | 50-263 P            |  | 8003140461          | 71-107              |
|                              | 8003050553          | 50-416 S            |  | 8003240073          | 71-360              |
|                              | 8003050555          | 50-416 S            |  |                     |                     |
|                              | 8003060722*         | 50-416 Q            |  | 8003270129          | 71-6679             |
|                              | 8003070368          | 50-416 S            |  | 8003040248          | NURE0               |
|                              | 8003070368          | 50-416 S            |  | 8003040327          | NURE0               |
|                              | 8003070370          | 50-416 S            |  | 8003170123          | NURE0               |
|                              | 8003070370          | 50-416 S            |  | 8003250423          | NURE0               |
|                              | 8003120594          | 50-416 A            |  |                     |                     |
|                              | 8003120594          | 50-416 A            |  | 8003140048          | MISC                |
|                              | 8003120599*         | 50-416 A            |  | 8003030413          | 50-298 P            |
|                              | 8003120599*         | 50-416 A            |  | 8003030500          | 50-298 P            |
|                              | 8003180432          | 50-416 A            |  | 8003040297          | 50-298 P            |
|                              | 8003190818*         | 50-416 Q            |  | 8003040305*         | 50-298 P            |
|                              | 8003200605*         | 50-416 Q            |  |                     |                     |
|                              | 8003240269          | 50-416 Q            |  | 8003040438          | 50-298 R            |
|                              | 8003240396          | 50-416 R            |  | 8003040443*         | 50-298 R            |
|                              |                     |                     |  | 8003110655          | 50-298 R            |
|                              |                     |                     |  | 8003110658*         | 50-298 R            |
|                              |                     |                     |  | 8003120473          | 50-298 R            |
|                              |                     |                     |  |                     |                     |
|                              |                     |                     |  | 8003170486          | 50-298 S            |
|                              |                     |                     |  | 8003170492*         | 50-298 S            |
|                              |                     |                     |  | 8003190106*         | 50-298 Q            |
|                              |                     |                     |  | 8003210380          | 50-298 P            |
|                              |                     |                     |  | 8003210382*         | 50-298 P            |
|                              |                     |                     |  |                     |                     |
|                              |                     |                     |  | 8003250189          | 50-298 Q            |

## CORPORATE SOURCE INDEX

433

| AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|------------------------------------|---------------------|---------------------|
| Nebraska, Univ of  | 8003250591          | 50-298 P            |                                    | 8003070270          | PR                  |
| Neutron Products, Inc  | 8003260358          | 50-298 R            |                                    | 8003070301          | 50-336 S            |
|  | 8003200364          | NUREG               |                                    | 8003070338*         | 50-336 S            |
|  | 8003190759          | 71-9094             |                                    | 8003110418          | 50-245 P            |
|  | 8003310407          | 71-6400             |                                    | 8003120353          | TOPREP              |
| New England Conference of Public Utility<br>Commissioners                          | 8003200567*         | CONTRACT            |                                    | 8003120673          | 50-336 Q            |
| New England Nuclear Corp   | 8003140464*         | 71-107              |                                    | 8003140084          | 50-423 Q            |
| New Hampshire Research Project   | 8003140453          | 50-443 A            |                                    | 8003170358*         | 50-213 P            |
| New Jersey, State of   | 8003130107          | PR                  |                                    | 8003180335          | 50-245 P            |
|  | 8003260936          | 50-272 Q            |                                    | 8003180348          | 50-213 P            |
| New Mexico, State of   | 8003140112          | WASTE MGT           |                                    | 8003180393          | 50-213 P            |
|  | 8003170014          | State Prog          |                                    | 8003180395          | 50-213 P            |
|  | 8003170018*         | State Prog          |                                    | 8003180634          | 50-336 P            |
|  | 8003170080          | WASTE MGT           |                                    | 8003190214*         | 50-245 Q            |
|  | 8003190008          | WASTE MGT           |                                    | 8003190475          | 50-245 R            |
|  | 8003190090          | WASTE MGT           |                                    | 8003190480*         | 50-245 R            |
|  | 8003280153          | WASTE MGT           |                                    | 8003190512          | 50-245 J            |
| New York, State of   | 8003060614*         | 50-410 H            |                                    | 8003190512          | 50-245 J            |
|  | 8003070390          | 50-3 F              |                                    | 8003190535          | 50-336 R            |
|  | 8003130006          | PR                  |                                    | 8003190538*         | 50-336 R            |
|  | 8003130402*         | 50-3 Q              |                                    | 8003200491          | 50-336 S            |
|  | 8003130502          | 50-201 P            |                                    | 8003210527          | 50-213 P            |
|  | 8003190111*         | 50-3 Q              |                                    | 8003210527          | 50-213 P            |
|  | 8003210108          | 50-3 Q              |                                    | 8003240497          | 50-245 S            |
|  | 8003260133          | NUREG               |                                    | 8003240502*         | 50-245 S            |
| New York, NY   | 8003190661          | PR                  |                                    | 8003260365          | 50-245 P            |
| New York, State Univ of, (Albany)  | 8003190679          | PR                  |                                    | 8003260373*         | 50-245 P            |
| Newark, NJ   | 8003280662*         | CONTRACT            |                                    | 8003260385          | 50-213 P            |
| Newport News Industrial Corp. (subs of<br>Newport News Shipbuilding & Dry Dock Co) | 8003190670          | PR                  |                                    | 8003260385          | 50-213 P            |
|  | 8003120589          | TOPREP              |                                    | 8003260385          | 50-213 P            |
| Niagara Mohawk Power Corp  | 8003040584          | 50-410 A            |                                    | 8003260385          | 50-213 P            |
|  | 8003050091          | 50-220 Q            |                                    | 8003270333          | 50-213 J            |
|  | 8003060181*         | 50-410 S            |                                    | 8003270405          | 50-213 P            |
|  | 8003060189*         | 50-410 S            |                                    | 8003270405          | 50-213 P            |
|  | 8003060574          | 50-220 F            |                                    | 8003270405          | 50-213 P            |
|  | 8003070175*         | 50-410 S            |                                    | 8003280510          | 50-336 S            |
|  | 8003070344          | 50-220 R            |                                    | 8003280513*         | 50-336 S            |
|  | 8003070348*         | 50-220 R            |                                    | 8003280517          | 50-245 S            |
|  | 8003070353          | 50-410 A            |                                    | 8003280522*         | 50-245 S            |
|  | 8003120718          | 50-410 Q            |                                    | 8003070204          | 50-213 P            |
|  | 8003140013          | 50-220 S            | Northeast Utilities Service Co     |                     |                     |
|  | 8003170407          | 50-220 R            |                                    | 8003030493          | 50-367 R            |
|  | 8003170411*         | 50-220 R            |                                    | 8003040288          | 50-367 Q            |
|  | 8003180126          | 50-220 S            | Northern Indiana Public Service Co |                     |                     |
|  | 8003180288          | 50-220 F            |                                    | 8003040407          | 50-367 R            |
|  | 8003180579          | 50-410 F            |                                    | 8003050001          | 50-367 Q            |
|  | 8003190568*         | 50-220 P            |                                    | 8003070384          | 50-367 A            |
|  | 8003190571*         | 50-220 P            |                                    | 8003100035          | 50-367 Q            |
|  | 8003250447          | 50-220 F            |                                    | 8003180458          | 50-367 R            |
|  | 8003250470          | 50-410 Q            |                                    | 8003200267          | 50-367 R            |
|  | 8003310280          | 50-220 S            |                                    | 8003250426          | 50-367 Q            |
|  | 8003310281*         | 50-220 S            |                                    | 8003260619          | 50-367 R            |
|  | 8003310310          | 50-220 S            |                                    | 8003270430          | 50-367 R            |
|  | 8003310313*         | 50-220 S            |                                    | 8003310383          | 50-367 A            |
|  | 8003280164*         | 50-280 Q            | Northern States Power Co.          |                     |                     |
| North Anna Environmental Coalition   |                     |                     |                                    | 8003030400          | 50-263 R            |
| North Carolina State Univ  | 8003040467          | 50-111 P            |                                    | 8003030401*         | 50-263 R            |
| North Carolina, State of   | 8003110576          | 50-400 A            |                                    | 8003030402*         | 50-263 R            |
|  | 8003280298*         | 50-367 F            |                                    | 8003030571          | 50-282 S            |
|  | 8003310426          | 70-8                |                                    | 8003030580*         | 50-282 S            |
| Northeast Nuclear Energy Co (subs of<br>Northeast Utilities)                       | 8003050100*         | 50-245 Q            |                                    | 8003040398          | 50-263 J            |
|  | 8003060473          | 50-245 Q            |                                    | 8003040402          | 50-282 J            |
|  | 8003100247          | 50-336 P            |                                    | 8003040402          | 50-282 J            |
|  | 8003110470          | 50-245 F            |                                    | 8003040420          | 50-282 R            |
|  | 8003110470          | 50-245 F            |                                    | 8003040422*         | 50-282 R            |
|  | 8003110481*         | 50-245 F            |                                    | 8003040422*         | 50-282 R            |
|  | 8003110481*         | 50-245 F            |                                    | 8003040426*         | 50-282 R            |
|  | 8003110489          | 50-336 P            |                                    | 8003040426*         | 50-282 R            |
|  | 8003180366          | 50-336 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003180367*         | 50-336 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003270343          | 50-213 Q            |                                    | 8003040426*         | 50-282 R            |
|  | 8003270343          | 50-213 Q            |                                    | 8003040426*         | 50-282 R            |
|  | 8002190048          | PR                  |                                    | 8003040426*         | 50-282 R            |
| Northeast Utilities  | 8003030465          | 50-336 S            |                                    | 8003040426*         | 50-282 R            |
|  | 8003030466          | TOPREP              |                                    | 8003040426*         | 50-282 R            |
|  | 8003030470*         | 50-336 S            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040509          | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040509          | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040613          | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040613          | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040621*         | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003040621*         | 50-245 R            |                                    | 8003040426*         | 50-282 R            |
|  | 8003050287          | 50-336 S            |                                    | 8003040426*         | 50-282 R            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION           | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------------------------------|---------------------|---------------------|---------------------------------|---------------------|---------------------|
|                                       | 8003120722          | 50-263 P            |                                 | 8003110015          | PR                  |
|                                       | 8003130113          | 50-262 Q            |                                 | 8003110019          | PR                  |
|                                       | 8003130458          | 50-263 Q            |                                 | 8003120618          | REG                 |
|                                       | 8003170267          | 50-263 R            |                                 | 8003120623          | REG                 |
|                                       | 8003170269*         | 50-263 R            |                                 | 8003120659          | REG                 |
|                                       | 8003170313          | 50-263 S            |                                 | 8003130680          | REG                 |
|                                       | 8003170395          | 50-262 R            |                                 | 8003180236          | PR                  |
|                                       | 8003170395          | 50-262 R            |                                 | 8003180641          | REG                 |
|                                       | 8003170399*         | 50-262 R            |                                 | 8003210227*         | 71-5597             |
|                                       | 8003170451          | 50-263 P            |                                 | 8003260430          | REG                 |
|                                       | 8003180552          | 50-262 P            |                                 | 8003270398          | REG                 |
|                                       | 8003180552          | 50-262 P            |                                 | 8003280566          | REG                 |
|                                       | 8003180633          | 50-263 S            |                                 | 8003280572          | REG                 |
|                                       | 8003180635          | 50-263 S            |                                 | 8003280577          | REG                 |
|                                       | 8003190554          | 50-262 P            |                                 | 8003310030*         | 50-312 T            |
|                                       | 8003190554          | 50-262 P            | Offshore Power Systems (subs of | 8003280531          | 50-437 A            |
|                                       | 8003190655          | 50-262 P            | Westinghouse Electric Corp )    |                     |                     |
|                                       | 8003190655          | 50-262 P            | Ogle Petroleum, Inc             | 8003050604          | 40-8745             |
|                                       | 8003190665          | 50-262 P            |                                 | 8003060028          | 40-8745             |
|                                       | 8003210530          | 50-262 P            |                                 | 8003240154          | 40-8693             |
|                                       | 8003210530          | 50-262 P            | Ohio, State of                  | 8003140153          | PR                  |
|                                       | 8003240361          | 50-263 I            | Oklahoma, State of              | 8003180165*         | 50-556 Q            |
|                                       | 8003240361          | 50-263 I            |                                 | 8003180165*         | 50-556 Q            |
|                                       | 8003240364*         | 50-263 I            |                                 | 8003180168*         | 50-556 Q            |
|                                       | 8003240364*         | 50-263 I            |                                 | 8003180168*         | 50-556 Q            |
|                                       | 8003240364*         | 50-263 I            | Danaher Public Power District   | 8003050456          | 50-285 S            |
|                                       | 8003240405          | 50-263 S            |                                 | 8003050460*         | 50-285 S            |
|                                       | 8003240405          | 50-263 S            |                                 | 8003050481          | 50-285 R            |
|                                       | 8003240407*         | 50-263 S            |                                 | 8003050483*         | 50-285 R            |
|                                       | 8003240408          | 50-262 S            |                                 | 8003050485          | 50-285 S            |
|                                       | 8003240410*         | 50-262 S            |                                 | 8003050486*         | 50-285 S            |
|                                       | 8003240417          | 50-306 S            |                                 | 8003110603          | 50-285 S            |
|                                       | 8003240421*         | 50-306 S            |                                 | 8003180176          | 50-285 P            |
|                                       | 8003240422          | 50-263 S            |                                 | 8003180602          | 50-285 R            |
|                                       | 8003240551          | 50-263 S            |                                 | 8003180607*         | 50-285 R            |
|                                       | 8003240564*         | 50-263 S            |                                 | 8003190399*         | 50-320 H            |
|                                       | 8003250298          | 50-262 P            |                                 | 8003190409*         | 50-320 H            |
|                                       | 8003250403          | 50-263 S            |                                 | 8003210389          | 50-285 P            |
|                                       | 8003250409*         | 50-263 S            |                                 | 8003240373          | 50-285 P            |
|                                       | 8003250542          | 50-263 Q            |                                 | 8003240508          | 50-285 S            |
|                                       | 8003260259          | 50-263 Q            |                                 | 8003240514*         | 50-285 S            |
|                                       | 8003270099          | 50-263 Q            |                                 | 8003240518*         | 50-285 S            |
|                                       | 8003310002          | 50-263 Q            |                                 | 8003240524*         | 50-285 S            |
|                                       | 8003310144          | 50-262 R            |                                 | 8003260577          | 50-285 P            |
|                                       | 8003310149*         | 50-262 R            |                                 | 8003310288          | 50-285 Q            |
|                                       | 8003310187          | 50-263 R            |                                 | 8003110662          | 50-250 H            |
|                                       | 8003310191*         | 50-263 R            | Unecave, Mark                   |                     |                     |
|                                       | 8003310256          | 50-263 R            | Oregon, State of                | 8003280232          | 50-344 Q            |
|                                       | 8003310258*         | 50-263 R            |                                 | 8003280237*         | 50-344 Q            |
|                                       | 8003310358          | 50-263 S            | Osann, E W                      | 8003190611          | 50-367 Q            |
|                                       | 8003310362*         | 50-263 S            | Pacific Gas & Electric Co       | 8002130332          | 50-275 A            |
|                                       |                     |                     |                                 | 8003040212          | 50-275 F            |
| Nuclear Containers, Inc               | 8003280646          | 71-9020             |                                 | 8003040218*         | 50-275 F            |
| Nuclear Energy Service, Inc           | 8003200468*         | 50-409 P            |                                 | 8003040218*         | 50-275 F            |
|                                       | 8003210489*         | 50-409 F            |                                 | 8003040680*         | 50-275 Q            |
| Nuclear Engineering Co, Inc, (subs of | 8003130109          | 71-258              |                                 | 8003050212          | 50-133 R            |
| Teledyne, Inc )                       | 8003190560          | 71-6400             |                                 | 8003050218*         | 50-133 R            |
| Nuclear Fuel Services, Inc (subs of   | 8003040317          | 50-201 F            |                                 | 8003050221*         | 50-133 R            |
| Oetzy Oil Co )                        | 8003050041          | 50-201 H            |                                 | 8003050228*         | 50-133 R            |
|                                       | 8003060230          | 71-4949             |                                 | 8003050900          | 50-133 P            |
|                                       | 8003060419*         | FOIA                |                                 | 8003050900          | 50-133 P            |
|                                       | 8003060430*         | FOIA                |                                 | 8003060964          | 50-275 A            |
|                                       | 8003060541          | 50-201 R            |                                 | 8003060964          | 50-275 A            |
|                                       | 8003130153          | 50-201 R            |                                 | 8003100009          | 50-275 Q            |
|                                       | 8003130160*         | 50-201 R            |                                 | 8003100070          | 50-275 Q            |
|                                       | 8003130672          | 70-143              |                                 | 8003120700          | 50-133 Q            |
|                                       | 8003200154*         | 10CFR               |                                 | 8003120739          | 50-275 Q            |
|                                       | 8003250607          | 70-143              |                                 | 8003130132          | 50-275 Q            |
| Nuclear Packaging, Inc                | 8003310206          | 70-143              |                                 | 8003170146          | 50-275 Q            |
|                                       | 8003130175          | 71-9132             |                                 | 8003170404          | 50-133 R            |
|                                       | 8003130179*         | 71-9132             |                                 | 8003170418*         | 50-133 R            |
|                                       | 8003250105          | 71-9073             |                                 | 8003180481          | 50-275 A            |
| Nuclear Systems, Gamma Industries Div | 8003110158          | 71-9135             |                                 | 8003180481          | 50-275 A            |
|                                       | 8003240082          | 71-9032             |                                 | 8003180553          | 50-133 S            |
|                                       | 8003240089          | 71-9027             |                                 | 8003180562*         | 50-133 S            |
|                                       | 8003240095          | 71-9007             |                                 | 8003190066          | 50-275 A            |
|                                       | 8003240136          | 71-9110             |                                 | 8003190453          | 50-133 J            |
|                                       | 8003240146          | 71-9033             |                                 | 8003190908          | 50-275 H            |
|                                       | 8003240298          | 71-9036             |                                 | 8003190910          | PROJ                |
|                                       | 8003240302          | 71-9036             |                                 | 8003200628          | 50-275 S            |
| Nuclear Technology, Inc. (Nutech)     | 8003310374*         | 50-416 K            |                                 | 8003200628          | 50-275 S            |
| Numac                                 | 8003040134*         | 70-135              |                                 | 8003250170          | 50-275 A            |
| Oak Ridge National Laboratory         | 8003100183          | NUREG               |                                 | 8003250170          | 50-275 A            |
|                                       | 8003110006          | PR                  |                                 | 8003250175*         | 50-275 A            |
|                                       | 8003110009          | PR                  |                                 | 8003250175*         | 50-275 A            |

## CORPORATE SOURCE INDEX

435

| AUTHOR<br>AFFILIATION         | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-------------------------------|---------------------|---------------------|----------------------------------|---------------------|---------------------|
|                               | 8003250295          | PROJ                |                                  | 8003140030          | 50-277 Q            |
|                               | 8003250311          | PROJ                |                                  | 8003140141          | 50-352 Q            |
|                               | 8003260528          | 50-275 A            |                                  | 8003140419          | 50-387 P            |
|                               | 8003260528          | 50-275 A            |                                  | 8003140419          | 50-387 P            |
|                               | 8003260592          | 50-275 A            |                                  | 8003140425*         | 50-387 P            |
|                               | 8003260592          | 50-275 A            |                                  | 8003140432*         | 50-387 P            |
|                               | 8003260631          | 50-275 A            |                                  | 8003140432*         | 50-387 P            |
|                               | 8003260631          | 50-275 A            |                                  | 8003170068          | 50-277 S            |
|                               | 8003260634*         | 50-275 A            |                                  | 8003170414          | 50-277 F            |
|                               | 8003260634*         | 50-275 A            |                                  | 8003180407          | 50-277 R            |
|                               | 8003260647          | 50-275 A            |                                  | 8003180407          | 50-277 R            |
|                               | 8003270381          | 50-275 F            |                                  | 8003180409*         | 50-277 R            |
|                               | 8003270511          | 50-275 Q            |                                  | 8003180409*         | 50-277 R            |
|                               | 8003280003          | 50-275 Q            |                                  | 8003180555          | 50-278 S            |
|                               | 8003280003          | 50-275 Q            |                                  | 8003180567*         | 50-278 S            |
|                               | 8003280119          | 50-344 Q            |                                  | 8003180573          | 50-278 S            |
|                               | 8003280159          | 50-133 Q            |                                  | 8003180582*         | 50-278 S            |
| Pacific Pumps Div             | 8003190476*         | 50-320 H            |                                  | 8003180586          | 50-277 S            |
| Panama AirFreight, Inc        | 8003240252          | XPBRTL IC           |                                  | 8003180593*         | 50-277 S            |
|                               | 8003240256*         | XPBRTL IC           |                                  | 8003190547          | 50-277 S            |
| Pathfinder Mines Corp         | 8003060031          | 40-2259             |                                  | 8003190547          | 50-277 S            |
|                               | 8003280079          | 40-2259             |                                  | 8003240463          | 50-278 S            |
|                               | 8003280083*         | 40-2259             |                                  | 8003250490          | 50-277 P            |
| Penn Southwest Insurance, Inc | 8003170454          | TOPREP              |                                  | 8003250490          | 50-277 P            |
| Pennsylvania Power & Light Co | 8003040281          | 50-387 Q            |                                  | 8003250548*         | 50-277 P            |
|                               | 8003060170*         | 50-387 U            |                                  | 8003250548*         | 50-277 P            |
|                               | 8003060372          | 50-387 Q            |                                  | 8003250576          | 50-277 P            |
|                               | 8003060372          | 50-387 Q            |                                  | 8003280429          | 50-278 S            |
|                               | 8003060403          | 50-387 A            |                                  | 8003280435*         | 50-278 S            |
|                               | 8003060403          | 50-387 A            |                                  | 8003310368          | 50-277 S            |
|                               | 8003060525          | 50-387 K            | Philippines                      | 8003050130          | 50-574 Q            |
|                               | 8003060525          | 50-387 K            |                                  | 8003050136          | 50-574 Q            |
|                               | 8003060526*         | 50-387 K            | Pick Instrument Products Co, Inc | 0003200402          | 71-359              |
|                               | 8003060526*         | 50-387 K            | Picker Corp                      | 8003210204          | 71-5796             |
|                               | 8003060527*         | 50-387 K            | Pioneer Nuclear, Inc             | 8003200280          | WASTE MGT           |
|                               | 8003060527*         | 50-387 K            |                                  | 8003060205          | WASTE MGT           |
|                               | 8003060536          | 50-387 Q            | Placer Amex, Inc                 | 8003190754          | 40-7869             |
|                               | 8003140072          | 50-387 Q            | Plateau Resources, Ltd           | 8003060294*         | 50-339 A            |
|                               | 8003180519          | 50-387 H            | Plymouth & Washington County     | 8003270080          | 50-320 P            |
|                               | 8003180521          | 50-387 A            | Porter-Oertz Consultants, Inc    | 8003280543          | 50-320 R            |
|                               | 8003190649          | 50-387 Q            |                                  |                     |                     |
|                               | 8003190649          | 50-387 Q            | Portland General Electric Co     | 8003030347          | 50-344 P            |
|                               | 8003210184          | 50-387 A            |                                  | 8003040208          | 50-344 R            |
|                               | 8003260423*         | 50-387 S            |                                  | 8003040506          | 50-344 P            |
|                               | 8003310136          | 50-387 S            |                                  | 8003040557          | 50-344 P            |
|                               |                     |                     |                                  | 8003040577          | 50-514 A            |
| Pennsylvania State Univ       | 8003190085          | PR                  |                                  | 8003050432          | 50-344 P            |
| Pennsylvania, State of        | 8003050614          | 50-289 Q            |                                  | 8003050446          | 50-344 Q            |
|                               | 8003060020          | 50-289 Q            |                                  | 8003050471          | 50-344 R            |
|                               | 8003240006          | 50-289 Q            |                                  | 8003060252          | 50-344 Q            |
|                               | 8003260010          | 50-387 Q            |                                  | 8003100055          | 50-344 Q            |
| Petrochemicals, Inc           | 8003030230          | 40-6659             |                                  | 8003110519          | 50-344 P            |
| Philadelphia Electric Co      | 8003030463          | 50-277 S            |                                  | 8003110540          | 50-344 P            |
|                               | 8003040037          | 50-320 T            |                                  | 8003110563          | 50-344 P            |
|                               | 8003040165          | 50-277 Q            |                                  | 8003110578          | 50-344 S            |
|                               | 8003040165          | 50-277 Q            |                                  | 8003110580*         | 50-344 S            |
|                               | 8003040261          | 50-320 T            |                                  | 8003110584          | 50-344 R            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110585*         | 50-344 R            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110617          | 50-344 P            |
|                               | 8003040272          | 50-320 T            |                                  | 8003110648          | 50-344 R            |
|                               | 8003040374          | 50-277 Q            |                                  | 8003110650*         | 50-344 R            |
|                               | 8003040374          | 50-277 Q            |                                  |                     |                     |
|                               | 8003040374          | 50-277 Q            |                                  | 8003120343          | 50-344 P            |
|                               | 8003040539          | 50-277 R            |                                  | 8003120703          | 50-344 Q            |
|                               | 8003040559          | 50-277 R            |                                  | 8003130212          | 50-344 Q            |
|                               | 8003040565*         | 50-277 R            |                                  | 8003130216          | 50-344 Q            |
|                               | 8003040565*         | 50-277 R            |                                  | 8003130218*         | 50-344 Q            |
|                               | 8003060498          | 50-277 S            |                                  | 8003130242*         | 50-344 Q            |
|                               | 8003070349          | 50-277 R            |                                  | 8003130247*         | 50-344 Q            |
|                               | 8003070350*         | 50-277 P            |                                  | 8003130258*         | 50-344 Q            |
|                               | 8003100207          | 50-277 P            |                                  | 8003130279*         | 50-344 Q            |
|                               | 8003100211*         | 50-277 P            |                                  | 8003130297*         | 50-344 Q            |
|                               | 8003110327          | 50-277 P            |                                  | 8003130383          | 50-344 S            |
|                               | 8003110349          | 50-277 P            |                                  | 8003130387*         | 50-344 S            |
|                               | 8003110349          | 50-277 P            |                                  | 8003130579          | 50-344 Q            |
|                               | 8003110555          | 50-277 R            |                                  | 8003170306          | 50-344 S            |
|                               | 8003110555*         | 50-277 R            |                                  | 8003170308*         | 50-344 S            |
|                               | 8003110608          | 50-278 P            |                                  | 8003170334          | 50-344 Q            |
|                               | 8003110609*         | 50-278 P            |                                  | 8003190509          | 50-344 Q            |
|                               | 8003120471          | 50-352 A            |                                  | 8003190513*         | 50-344 Q            |
|                               | 8003120504          | 50-278 S            |                                  | 8003200315          | 50-344 P            |
|                               | 8003120526          | 50-278 S            |                                  | 8003250358          | 50-344 P            |
|                               | 8003120567          | 50-277 I            |                                  | 8003250374          | 50-344 P            |
|                               | 8003120567          | 50-277 I            |                                  | 8003250577*         | 50-344 P            |
|                               | 8003120726          | 50-277 P            |                                  | 8003250588          | 50-344 F            |
|                               | 8003120736          | 50-277 Q            |                                  | 8003260520          | 50-344 P            |
|                               | 8003120746          | 50-277 P            |                                  | 8003260639          | 50-344 P            |



## CORPORATE SOURCE INDEX

437

| AUTHOR<br>AFFILIATION                 | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
| Puget Sound Power & Light Co          | 8003260632*         | 50-272 P            |  | 8003130567          | 50-312 F            |
|                                       | 8003260635*         | 50-272 P            |  | 8003140218          | 50-312 Q            |
|                                       | 8003040698          | 50-222 Q            |  | 8003140300          | 50-312 T            |
| Purdue Univ                           | 8003240037          | PR                  |  | 8003170382          | 50-312 R            |
|                                       | 8003250412          | 50-182 F            |  | 8003170386*         | 50-312 R            |
| Pyrotechnics, Baker Protec Svcs Inc   | 8003050039          | PR                  |  | 8003170440          | 50-312 S            |
| Quad Logistics, Inc                   | 8003240333*         | COMMISSION          |  | 8003170445          | 50-312 S            |
| Radiation Research Associates         | 8003200189*         | CONTRACT            |  | 8003180497          | 50-361 S            |
| Raytheon Corp                         | 8003130010*         | 50-320 H            |  | 8003180566          | 50-312 S            |
| Reactor Controls, Inc                 | 8003070099          | 50-416 S            |  | 8003180574*         | 50-312 S            |
| Reactor Experiments, Inc              | 8003100202          | XPORTLIC            |  | 8003180629          | 50-312 S            |
|                                       | 8003100206*         | XPORTLIC            |  | 8003190556          | 50-312 S            |
| Reese Engineering Associates          | 8003180469          | 50-261 P            |  | 8003190561*         | 50-312 S            |
|                                       | 8003180482*         | 50-261 P            |  | 8003210439          | 50-312 P            |
| Rensselaer Polytechnic Inst           | 8003070300          | 50-225 R            |  | 8003240356          | 50-312 P            |
| Resource Communities, Inc             | 8003210042*         | FOIA                |  | 8003250573          | 50-312 P            |
| Richard N. Danelson & Associates      | 8003140033          | REGO                |  | 8003260410          | 50-312 F            |
| Richland County, SC                   | 8003030152          | PR                  |  | 8003260526          | 50-312 P            |
|                                       | 8003060482          | PR                  |  | 8003260588          | 50-312 S            |
| Rio Algom, Ltd                        | 8003190015          | 40-E084             |  | 8003260591          | 50-312 S            |
| Riverside, CA                         | 8003280008          | PROJ                |  | 8003260594*         | 50-312 S            |
| Rochester Gas & Electric Corp         | 8003030478          | 50-244 P            |  | 8003260596*         | 50-312 S            |
|                                       | 8003030482*         | 50-244 P            |  | 8003260645          | 50-312 P            |
|                                       | 8003060458          | 50-244 F            |  | 8003270106          | 50-312 Q            |
|                                       | 8003060552          | 50-244 P            |  | 8003280059          | 50-312 Q            |
|                                       | 8003060609          | 50-244 P            |  | 8003280541          | 50-312 P            |
|                                       | 8003060613*         | 50-244 P            |  | 8003280554          | 50-312 P            |
|                                       | 8003060616*         | 50-244 P            |  | 8003310359          | 50-312 P            |
|                                       | 8003060625*         | 50-244 P            | Saluda Township, IN                      | 8003240099*         | 50-546 Q            |
|                                       | 8003110582          | 50-244 R            | San Antonio, TX                          | 8003050179          | 50-498 H            |
|                                       | 8003110583*         | 50-244 R            |  | 8003040265*         | 50-206 R            |
|                                       | 8003110602          | 50-244 P            | San Diego Gas & Electric Co              | 8003130048*         | 50-275 H            |
|                                       | 8003130555*         | 50-244 P            | San Luis Obispo, CA                      | 8003110014          | PR                  |
|                                       | 8003130557*         | 50-244 P            | Sandia Laboratories                      | 8003110018          | PR                  |
|                                       | 8003170402          | 50-244 R            |  | 8003110029          | PR                  |
|                                       | 8003170415*         | 50-244 R            |  | 8003130628*         | XPORTLIC            |
|                                       | 8003180484          | 50-244 P            |  | 8003250280          | 71-361              |
|                                       | 8003190516          | 50-244 P            |  | 8003250370          | NUREG               |
|                                       | 8003200112          | PR                  |  | 8003270170          | RES                 |
|                                       | 8003240381          | 50-244 P            |  | 8003310159          | RES                 |
|                                       | 8003250463          | 50-244 P            | Schenk & Boncher                         | 8003130274          | FOIA                |
|                                       | 8003250481          | 50-244 R            | Science Applications, Inc.               | 8003310030*         | 50-312 T            |
|                                       | 8003260549          | 50-244 P            | Scientists & Engineers for Secure Energy | 8003060740          | PR                  |
|                                       | 8003280403          | 50-244 F            | Senate                                   | 7709270566*         | HISC                |
| Rockwell International Corp           | 8003140006          | 70-25               |  | 8003040273          | 50-409 U            |
|                                       | 8003170154          | 50-375 P            |  | 8003060160*         | 50-387 U            |
| Rocky Mountain Energy Co              | 8003240048          | 71-9035             |  | 8003060435*         | 50-352 U            |
|                                       | 8003060053          | 40-8697             |  | 8003060510*         | NUREG               |
|                                       | 8003190770          | 40-8697             |  | 8003060563*         | HISC                |
|                                       | 8003240183          | 40-8697             |  | 8003110087*         | 50-320 U            |
|                                       | 8003240191*         | 40-8697             |  | 8003110101*         | 50-341 F            |
| Regovin, Stern & Hugs                 | 8003100007          | 50-320 Q            |  | 8003120710          | 50-574 U            |
|                                       | 8003280181*         | CONTRACT            |  | 8003250192          | 50-133 U            |
| Ropes & Gray                          | 8003060358          | 50-471 Q            |  | 8003260114*         | FOIA                |
|                                       | 8003200228          | 50-443 A            |  | 8003280154          | 50-367 U            |
| Roswell Park Memorial Institute       | 8003110587          | 50-320 P            | Senate, Appropriations                   | 8003110122*         | 50-320 U            |
| Roush, M                              | 8003190817*         | CONTRACT            | Senate, Energy & Natural Resources       | 8003240602          | PRM                 |
| Sacramento Municipal Utility District | 8003030022          | 50-312 Q            | Senate, Environment & Public Works       | 8003110268*         | 50-320 U            |
|                                       | 8003040412          | 50-312 P            | Senate, Governmental Affairs             | 8003060515*         | 50-568 U            |
|                                       | 8003040414*         | 50-312 P            | Sensible Maine Power                     | 8003190123*         | 50-309 H            |
|                                       | 8003040524          | 50-312 P            |  | 8003140456          | XPORTLIC            |
|                                       | 8003040569          | 50-312 S            | Separative Work Unit Corp                | 8003030022          | 50-312 Q            |
|                                       | 8003040576          | 50-312 J            | Shaw, Pittman, Potts & Troubridge        | 8003030105          | 50-289 Q            |
|                                       | 8003040608          | 50-312 S            |  | 8003030501          | 50-266 Q            |
|                                       | 8003040619*         | 50-312 S            |  | 8003030526          | 50-266 Q            |
|                                       | 8003050518          | 50-312 P            |  | 8003030526          | 50-266 Q            |
|                                       | 8003060033          | 50-312 Q            |  | 8003030536          | 50-266 Q            |
|                                       | 8003060213          | 50-312 Q            |  | 8003040300          | 50-289 Q            |
|                                       | 8003060557          | 50-312 S            |  | 8003050052          | 50-289 Q            |
|                                       | 8003060560*         | 50-312 S            |  | 8003050076          | 50-289 Q            |
|                                       | 8003060583          | 50-312 S            |  | 8003050082          | 50-289 Q            |
|                                       | 8003060587*         | 50-312 S            |  | 8003050149          | 50-289 Q            |
|                                       | 8003100029          | 50-312 Q            |  | 8003050160          | 50-289 Q            |
|                                       | 8003100032          | 50-312 P            |  | 8003060249          | 50-289 Q            |
|                                       | 8003110589          | 50-312 R            |  | 8003060255*         | 50-289 Q            |
|                                       | 8003110591*         | 50-312 R            |  | 8003060372          | 50-387 Q            |
|                                       | 8003110613          | 50-312 S            |  | 8003060372          | 50-387 Q            |
|                                       | 8003110616*         | 50-312 S            |  | 8003060468          | 50-266 P            |
|                                       | 8003110627          | 50-312 S            |  | 8003100022          | 50-320 P            |
|                                       | 8003110631*         | 50-312 S            |  | 8003190144          | 50-289 Q            |
|                                       | 8003110657          | 50-312 F            |  | 8003190649          | 50-387 Q            |
|                                       | 8003120470          | 50-312 P            |  | 8003190649          | 50-387 Q            |
|                                       | 8003120357          | 50-312 P            |  | 8003250029          | PR                  |
|                                       | 8003120658*         | 50-312 Q            |  | 8003250342          | 50-346 Q            |
|                                       | 8003120697          | 50-312 Q            |  |                     |                     |



## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                              | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|--|---------------------|---------------------|
|  | 8003250366          | 50-289 Q            |  | 8003030110          | 50-498 M            |
|  | 8003250456          | 50-443 M            |  | 8003050650          | PROJ                |
|  | 8003270135          | 50-289 Q            |  | 8003190963          | 50-498 M            |
| Sheldon, Harmon & Weiss                            | 8003060492          | 50-289 Q            |  | 8003270124          | PROJ                |
|  | 8003060494*         | 50-289 Q            |  | 8003280008          | PROJ                |
|  | 8003060499*         | 50-289 Q            | St Louis Univ  | 8003250174          | NUREQ               |
|  | 8003200122          | 50-3 P              | Standardized Nuclear Unit Power Plant<br>System                              | 8003130033          | 50-482 Q            |
|  | 8003240477          | PR                  |  | 8003140024          | 50-482 Q            |
|  | 8003240613          | 50-289 Q            |  | 8003190100          | 50-482 S            |
|  | 8003250513          | 50-3 Q              |  | 8003240432          | REG03               |
|  | 8003280665          | FOIA                |  | 8003250393*         | 50-482 S            |
| Shepherd, J M MD                                   | 8003140039          | PR                  |  | 8003260638          | 50-482 S            |
| Sigma Chemical Co (subs of Sigma-Aldri<br>ch Corp) | 8003060687          | XPORTLIC            |  | 8003260638          | 50-482 S            |
| Small Business Administration                      | 8003200044*         | CONTRACT            |  | 8003260638          | 50-482 S            |
|  | 8003280363*         | CONTRACT            |  | 8003260644          | 50-482 Q            |
| Snell & Wilmer                                     | 8003280003          | 50-275 Q            |  | 8003260644          | 50-482 Q            |
| Social Research Applications Corp                  | 8003210031*         | FOIA                |  | 8003260644          | 50-482 Q            |
| Source Production & Equipment Co ,Inc              | 8003280659          | 71-9036             |  | 8003260644          | 50-482 Q            |
| South Carolina Electric & Gas Co                   | 8003030202          | 50-395 K            |  | 8003260644          | 50-482 Q            |
|  | 8003030206*         | 50-395 K            | State, Dept of   | 8003060719          | 50-574 Q            |
|  | 8003030458          | 50-395 S            |  |                     |                     |
|  | 8003030481          | 50-395 S            | State, Dept of, Bureau of Oceano &<br>Internatl Environ & Scientific Affairs | 8003040230*         | SECY                |
|  | 8003030495          | 50-395 S            |  | 8003040719          | XPORTLIC            |
|  | 8003060632          | 50-395 S            |  | 8003040723          | XPORTLIC            |
|  | 8003070385          | 50-395 S            |  | 8003050005          | XPORTLIC            |
|  | 8003110428          | 50-395 Q            |  | 8003050049          | XPORTLIC            |
|  | 8003170439          | 50-395 S            |  | 8003050064          | XPORTLIC            |
|  | 8003240188          | 50-395 Q            |  | 8003050065          | XPORTLIC            |
|  | 8003240367          | 50-395 S            |  | 8003050159          | XPORTLIC            |
|  | 8003280461          | 50-395 S            |  | 8003050164          | XPORTLIC            |
|  | 8003280559          | 50-395 S            |  | 8003060004          | XPORTLIC            |
| South Carolina, State of                           | 8003040153          | PR                  |  | 8003060010          | XPORTLIC            |
|  | 8003080257          | PR                  |  | 8003240050          | XPORTLIC            |
|  | 8003140473          | PR                  |  | 8003240053          | XPORTLIC            |
| South Carolina, Univ of                            | 8003140375*         | 50-395 R            |  | 8003240272          | 70-2803             |
|  |                     |                     |  | 8003250107*         | SECY                |
| South Dakota, State of                             | 8003130637          | 40-1341             |  | 8003280546          | XPORTLIC            |
|  | 8003240186*         | 40-1341             |  | 8003280612          | XPORTLIC            |
| Southern California Edison Co                      | 8003030484          | 50-206 F            |  | 8003310355*         | SECY                |
|  | 8003040258          | 50-206 R            |  | 8003310486          | XPORTLIC            |
|  | 8003040265*         | 50-206 R            | Steel, Hector & Davis  | 8003040320          | 50-230 Q            |
|  | 8003040642          | 50-206 S            |  |                     |                     |
|  | 8003040652*         | 50-206 S            | Stone & Webster Engineering Corp   | 8003050042          | NUREQ               |
|  | 8003050117*         | 50-206 Q            |  | 8003110374          | TOPREP              |
|  | 8003100047          | 50-206 Q            |  | 8003110629*         | 50-267 F            |
|  | 8003100061          | 50-361 Q            |  | 8003130344*         | QA999               |
|  | 8003100075          | 50-361 Q            |  | 8003140198          | 50-495 B            |
|  | 8003110280          | 50-361 Q            |  | 8003140201*         | 50-495 B            |
|  | 8003110942          | 50-206 P            |  | 8003200465          | REG03               |
|  | 8003110610          | 50-361 A            |  | 8003210549*         | 50-10 F             |
|  | 8003110610          | 50-361 A            |  | 8003210555*         | 50-10 F             |
|  | 8003110612*         | 50-361 A            |  | 8003210559*         | 50-10 F             |
|  | 8003110612*         | 50-361 A            |  | 8003210563*         | 50-10 F             |
|  | 8003120314          | 50-206 P            |  | 8003240359          | 50-495 M            |
|  | 8003120430          | 50-206 F            | Sweden   | 8003110038          | PR                  |
|  | 8003130134          | 50-206 Q            | System Development Corp  | 8003260477          | FOIA                |
|  | 8003140372          | 50-395 R            | TERA Corp  | 8003110010          | PR                  |
|  | 8003170149          | 50-361 Q            |  |                     |                     |
|  | 8003180386          | 50-206 R            | YAW, Inc, Energy Systems Planning Div  | 8003200602*         | FOIA                |
|  | 8003180388*         | 50-206 R            | Tech/Ops (Technical Operations, Inc)   | 8003140320          | 71-9141             |
|  | 8003180539          | 50-206 F            |  | 8003140322*         | 71-9141             |
|  | 8003180549*         | 50-206 F            | Teknekron Research, Inc  | 8003100129          | NUREQ               |
|  | 8003180612          | 50-206 Q            | Teknekron, Inc   | 8003210023          | FOIA                |
|  | 8003180614          | 50-206 P            |  |                     |                     |
|  | 8003180627          | 50-206 Q            | Twledyne Cast Products   | 8003050168          | 70-2317             |
|  | 8003200642          | 50-206 P            | Twledyne Energy Systems  | 8003210048          | 71-46               |
|  | 8003210491          | 50-206 P            |  | 8003210050*         | 71-46               |
|  | 8003240440          | 50-395 S            | Twledyne Engineering Services  | 8003070397*         | 50-329 S            |
|  | 8003240461          | 50-395 S            | Tennessee Valley Authority   | 8003030066          | 50-259 Q            |
|  | 8003240496          | 50-395 S            |  | 8003030066          | 50-259 Q            |
|  | 8003260640          | 50-206 P            |  | 8003030066          | 50-259 Q            |
|  | 8003280042          | 50-361 Q            |  | 8003030339          | 50-259 M            |
|  | 8003280421          | 50-206 S            |  | 8003030365          | 50-553 S            |
|  | 8003280427*         | 50-206 S            |  | 8003030365          | 50-553 S            |
|  | 8003280433*         | 50-206 Q            |  | 8003030370*         | 50-553 S            |
|  | 8003280456          | 50-206 P            |  | 8003030370*         | 50-553 S            |
|  | 8003280476          | 50-206 S            |  | 8003030511          | 50-329 S            |
|  | 8003280480*         | 50-206 S            |  | 8003030511          | 50-329 S            |
|  | 8003310218          | 50-361 Q            |  | 8003030515*         | 50-329 S            |
|  | 8003270057          | NUREQ               |  | 8003030524          | 50-329 S            |
| Southern California, Univ of                       | 8003050445*         | 50-269 F            |  | 8003030528*         | 50-329 S            |
| Southwest Research Institute                       |                     |                     |  | 8003030528*         | 50-329 S            |
|  |                     |                     |  |                     |                     |
| Southwestern Public Service Co                     | 8003030183          | 50-305 R            |  | 8003040459          | 50-390 S            |
| Spiegel & McDiarmid                                | 8003030081          | 50-498 M            |  | 8003040592          | 50-296 S            |
|  | 8003030081          | 50-498 M            |  | 8003040601*         | 50-296 S            |
|  | 8003030110          | 50-498 M            |  |                     |                     |

## CORPORATE SOURCE INDEX

439

| AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|-----------------------|---------------------|---------------------|-----------------------|---------------------|---------------------|
|                       | 8003040607          | 50-259 S            |                       | 8003180353*         | 50-259 P            |
|                       | 8003040614*         | 50-259 S            |                       | 8003180353*         | 50-259 P            |
|                       | 8003050299          | 50-438 A            |                       | 8003180372          | 50-518 S            |
|                       | 8003050299          | 50-438 A            |                       | 8003180377*         | 50-518 S            |
|                       | 8003050307*         | 50-438 A            |                       | 8003180378          | 50-259 R            |
|                       | 8003050307*         | 50-438 A            |                       | 8003180378          | 50-259 R            |
|                       | 8003050437          | 50-390 S            |                       | 8003180378          | 50-259 R            |
|                       | 8003050437          | 50-390 S            |                       | 8003180380*         | 50-259 R            |
|                       | 8003050441*         | 50-390 S            |                       | 8003180420          | 50-438 A            |
|                       | 8003050441*         | 50-390 S            |                       | 8003180527          | 50-260 S            |
|                       | 8003050443          | 50-327 A            |                       | 8003180531          | 50-260 S            |
|                       | 8003050448          | 50-518 H            |                       | 8003180536*         | 50-260 S            |
|                       | 8003050450          | 50-259 S            |                       | 8003180537          | 50-260 S            |
|                       | 8003050453*         | 50-259 S            |                       | 8003180541          | 50-259 S            |
|                       | 8003050461          | 50-438 S            |                       | 8003180543*         | 50-260 S            |
|                       | 8003060074          | 71-6144             |                       | 8003180544*         | 50-260 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180547*         | 50-259 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180557          | 50-276 S            |
|                       | 8003060356*         | 50-259 Q            |                       | 8003180563*         | 50-276 S            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180594          | 50-259 S            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180598*         | 50-259 S            |
|                       | 8003070001          | 50-259 Q            |                       | 8003180605          | 50-390 Q            |
|                       | 8003070355          | 50-260 S            |                       | 8003180610          | 50-259 S            |
|                       | 8003070358*         | 50-260 S            |                       | 8003180611          | 50-259 S            |
|                       | 8003070372          | 50-260 S            |                       | 8003180617*         | 50-259 S            |
|                       | 8003070374*         | 50-260 S            |                       | 8003180618*         | 50-259 S            |
|                       | 8003100015          | 50-259 Q            |                       | 8003180620          | 50-438 S            |
|                       | 8003100015          | 50-259 Q            |                       | 8003180620          | 50-438 S            |
|                       | 8003110466          | 50-327 R            |                       | 8003180624*         | 50-438 S            |
|                       | 8003110595          | 50-327 S            |                       | 8003180624*         | 50-438 S            |
|                       | 8003110596*         | 50-327 S            |                       | 8003190004          | 40-1341             |
|                       | 8003110597          | 50-327 S            |                       | 8003190121*         | 50-553 Q            |
|                       | 8003110597          | 50-327 S            |                       | 8003190179*         | 50-327 Q            |
|                       | 8003110597*         | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110597*         | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110599*         | 50-327 S            |                       | 8003190421          | 50-259 K            |
|                       | 8003110621          | 50-260 S            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110644          | 50-328 A            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110660          | 50-327 P            |                       | 8003190426*         | 50-259 K            |
|                       | 8003110678          | 50-296 S            |                       | 8003190532          | 50-327 J            |
|                       | 8003110683*         | 50-296 S            |                       | 8003190596*         | 50-553 Q            |
|                       | 8003110719*         | 50-260 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120371          | 71-6206             |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120415          | 50-259 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120420*         | 50-259 S            |                       | 8003190768*         | 50-518 Q            |
|                       | 8003120475          | TOPREP              |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120490          | 50-390 S            |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120490          | 50-390 S            |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120493*         | 50-390 S            |                       | 8003190865*         | 50-518 Q            |
|                       | 8003120493*         | 50-390 S            |                       | 8003200336          | 50-259 Q            |
|                       | 8003120495          | 50-518 S            |                       | 8003200461          | 50-327 S            |
|                       | 8003120495          | 50-518 S            |                       | 8003200472*         | 50-327 S            |
|                       | 8003120495          | 50-518 S            |                       | 8003210097          | 50-259 Q            |
|                       | 8003120495          | 50-518 S            |                       | 8003210097          | 50-259 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210176          | 50-327 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210272*         | 50-259 Q            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210374          | 50-518 S            |
|                       | 8003120498*         | 50-518 S            |                       | 8003210374*         | 50-518 S            |
|                       | 8003120571          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120571          | 50-390 S            |                       | 8003210387          | 50-259 P            |
|                       | 8003120572          | 50-438 Q            |                       | 8003210387          | 50-259 P            |
|                       | 8003120579*         | 50-390 S            |                       | 8003210407          | 50-518 S            |
|                       | 8003120579*         | 50-390 S            |                       | 8003210407          | 50-518 S            |
|                       | 8003120761          | 50-259 Q            |                       | 8003210407          | 50-518 S            |
|                       | 8003130657          | 50-390 Q            |                       | 8003210407          | 50-518 S            |
|                       | 8003130657          | 50-390 Q            |                       | 8003210407          | 50-518 S            |
|                       | 8003140368*         | 50-518 Q            |                       | 8003210407          | 50-518 S            |
|                       | 8003170319          | 50-390 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170319          | 50-390 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170326*         | 50-390 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170326*         | 50-390 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170336          | 50-553 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170340*         | 50-553 S            |                       | 8003210418*         | 50-518 S            |
|                       | 8003170460          | 50-259 S            |                       | 8003210496          | 50-259 P            |
|                       | 8003170463*         | 50-259 S            |                       | 8003210496          | 50-259 P            |
|                       | 8003170477          | 50-390 S            |                       | 8003210496          | 50-259 P            |
|                       | 8003170477          | 50-390 S            |                       | 8003210506          | 50-553 Q            |
|                       | 8003170480          | 50-259 S            |                       | 8003210506          | 50-553 Q            |
|                       | 8003170482*         | 50-390 S            |                       | 8003210535          | 50-260 S            |
|                       | 8003170482*         | 50-390 S            |                       | 8003210541*         | 50-260 S            |
|                       | 8003170483*         | 50-259 S            |                       | 8003240277          | 50-259 Q            |
|                       | 8003180352          | 50-259 P            |                       | 8003240277          | 50-259 Q            |
|                       | 8003180352          | 50-259 P            |                       | 8003240277          | 50-259 Q            |
|                       | 8003180352          | 50-259 P            |                       | 8003240480          | 50-390 S            |
|                       | 8003180353*         | 50-259 P            |                       | 8003240480          | 50-390 S            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--------------------------------------|---------------------|---------------------|--|---------------------|---------------------|
|                                      | 8003240483*         | 50-390 S            |  | 8003280634          | 50-445 M            |
|                                      | 8003240483*         | 50-390 S            | Texas, State of                          | 8003190635*         | 50-445 H            |
|                                      | 8003240487          | 50-533 H            |  | 8003260641          | 50-466 A            |
|                                      | 8003240494          | 50-259 P            | Texas, Univ of, Dallas                   | 8003140081*         | COMMUNION           |
|                                      | 8003250108*         | 50-390 Q            | Thorne Ecological Institute              | 8003120450*         | 50-267 R            |
|                                      | 8003250139*         | 50-259 Q            |  | 8003040691          | 50-289 Q            |
|                                      | 8003250139*         | 50-259 Q            | Three Mile Island Alert                  | 8003130171          | 50-289 Q            |
|                                      | 8003250139*         | 50-259 Q            |  | 8003240001          | 50-289 Q            |
|                                      | 8003260131*         | 50-259 Q            | Toledo Edison Co                         | 7811130230*         | 50-346 M            |
|                                      | 8003260131*         | 50-259 Q            |  | 7910310125*         | 50-346 Q            |
|                                      | 8003260369          | 50-259 F            |  | 8003040168          | 50-346 R            |
|                                      | 8003260478          | 50-438 S            |  | 8003040172*         | 50-346 R            |
|                                      | 8003260478          | 50-438 S            |  | 8003040471          | 50-346 S            |
|                                      | 8003260480          | 50-259 P            |  | 8003040482          | 50-346 F            |
|                                      | 8003260480          | 50-259 P            |  | 8003040579          | 50-346 S            |
|                                      | 8003260494          | 50-438 S            |  | 8003040590*         | 50-346 S            |
|                                      | 8003260494          | 50-438 S            |  | 8003040597          | 50-346 S            |
|                                      | 8003260502*         | 50-438 S            |  | 8003040605*         | 50-346 S            |
|                                      | 8003260502*         | 50-438 S            |  | 8003040609          | 50-346 S            |
|                                      | 8003260531          | 50-390 S            |  | 8003040616*         | 50-346 S            |
|                                      | 8003260532          | 50-390 S            |  | 8003070089*         | 50-346 Q            |
|                                      | 8003260532          | 50-390 S            |  | 8003100133          | 50-346 P            |
|                                      | 8003260535*         | 50-390 S            |  | 8003110559          | 50-346 S            |
|                                      | 8003260535*         | 50-390 S            |  | 8003110562*         | 50-346 S            |
|                                      | 8003260566          | 50-260 S            |  | 8003110566          | 50-346 S            |
|                                      | 8003260579*         | 50-260 S            |  | 8003110567*         | 50-346 S            |
|                                      | 8003260600          | 50-327 P            |  | 8003110607*         | 50-289 S            |
|                                      | 8003260630          | 50-438 S            |  | 8003110626          | 50-346 S            |
|                                      | 8003260630          | 50-438 S            |  | 8003110628*         | 50-346 S            |
|                                      | 8003260637*         | 50-438 S            |  | 8003110635          | 50-346 S            |
|                                      | 8003260637*         | 50-438 S            |  | 8003110637*         | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003110684          | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003110685*         | 50-346 S            |
|                                      | 8003260646          | 50-518 S            |  | 8003130461          | 50-346 R            |
|                                      | 8003260646          | 50-518 S            |  | 8003130467*         | 50-346 R            |
|                                      | 8003260648*         | 50-518 S            |  | 8003140286          | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003140330*         | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003170401          | 50-346 S            |
|                                      | 8003260648*         | 50-518 S            |  | 8003180339          | 50-346 P            |
|                                      | 8003270073          | 50-259 Q            |  | 8003180350          | 50-346 P            |
|                                      | 8003270073          | 50-259 Q            |  | 8003180361          | 50-346 P            |
|                                      | 8003270073          | 50-259 Q            |  | 8003180364*         | 50-346 P            |
|                                      | 8003280322          | 40-1341             |  | 8003180902          | 50-346 S            |
|                                      | 8003280326*         | 40-1341             |  | 8003180508*         | 50-346 S            |
|                                      | 8003280452          | 50-390 S            |  | 8003210442          | 50-346 P            |
|                                      | 8003280452          | 50-390 S            |  | 8003240385          | 50-346 P            |
|                                      | 8003280454*         | 50-390 S            |  | 8003280460          | 50-346 Q            |
|                                      | 8003280454*         | 50-390 S            |  | 8003280471          | 50-346 P            |
|                                      | 8003280485          | 50-328 A            |  | 8003280475          | 50-346 P            |
|                                      | 8003280548          | 50-259 P            |  | 8003280482          | 50-346 S            |
|                                      | 8003310140          | 50-327 A            |  | 8003280496*         | 50-346 S            |
|                                      | 8003310141*         | 50-327 A            |  | 8003280508          | 50-346 S            |
|                                      | 8003310267          | 50-438 A            |  | 8003280538*         | 50-346 S            |
|                                      | 8003310308          | 50-327 P            |  | 8003280560          | 50-346 P            |
|                                      | 8003310312*         | 50-327 P            |  | 8003280625          | 50-346 Q            |
|                                      | 8003310356          | 50-566 R            |  | 8003310146          | 50-346 R            |
| Tennessee, State of                  | 8003130271          | State Prog          |  | 8003310151*         | 50-346 R            |
| Texas Instruments, Inc               | 8003280278*         | 50-367 R            | Transnuclear, Inc                        | 8003050267          | 70-2478             |
| Texas Public Interest Research Group | 8003140101          | 50-466 Q            |  | 8003120382          | XPORTRIC            |
|                                      | 8003140109          | 50-466 Q            |  | 8003120677          | XPORTRIC            |
|                                      | 8003170118          | MISC                |  | 8003130400          | 71-9120             |
| Texas Tech Univ                      | 8003200133*         | 70-754              |  | 8003260096          | 71-250              |
|                                      | 8003030153          | 50-445 M            |  | 8003260103*         | 71-250              |
| Texas Utilities Generating Co        | 8003040712*         | 50-445 Q            |  | 8003260146*         | F01A                |
|                                      | 8003050292          | 50-445 K            |  | 8003260160*         | F01A                |
|                                      | 8003120706          | 50-445 Q            |  | 8003280317          | XPORTRIC            |
|                                      | 8003180389*         | 50-445 A            |  | 8003280330*         | XPORTRIC            |
|                                      | 8003180389*         | 50-445 A            |  | 8003310246          | 70-2478             |
|                                      | 8003180509          | 50-445 A            | Transportation, Dept of, Federal Highway | 8003200296          | 70-572              |
|                                      | 8003180509          | 50-445 A            | Administration                           |                     |                     |
|                                      | 8003190070          | 50-445 S            | U S Naval Academy                        | 8003050642          | NUREG               |
|                                      | 8003190070          | 50-445 S            |  |                     |                     |
|                                      | 8003190084*         | 50-445 S            | U S Pipe & Foundry Co                    | 8003240179          | 71-376              |
|                                      | 8003190084*         | 50-445 S            |  | 8003240185*         | 71-376              |
|                                      | 8003190093          | 50-445 S            | US Steel Corp                            | 8003310160*         | 50-320 M            |
|                                      |                     |                     | Union 76 Minerals Exploration Co         | 8003170021          | 40-8348             |
|                                      |                     |                     |  | 8003170064          | 40-8584             |
|                                      | 8003200619*         | 50-445 Q            |  |                     |                     |
|                                      | 8003240173          | 50-445 M            |  | 8003190075          | 40-8584             |
|                                      | 8003240173          | 50-445 M            |  | 8003190105          | 40-8348             |
|                                      | 8003240173          | 50-445 M            | Union Carbide Corp                       | 8003040010*         | 70-687              |
|                                      | 8003240173          | 50-445 M            |  | 8003050359          | 40-299              |
|                                      |                     |                     |  | 8003130088          | PR                  |
|                                      | 8003260277          | 50-445 M            |  |                     |                     |
|                                      | 8003260277          | 50-445 M            | Union Electric Co                        | 7906140095          | MISC                |
|                                      | 8003260277          | 50-445 M            |  | 8003040018*         | 50-483 Q            |
|                                      | 8003260277          | 50-445 M            |  | 8003110623          | 50-483 A            |
|                                      | 8003270270          | 50-445 M            |  | 8003210500          | 50-483 F            |

## CORPORATE SOURCE INDEX

441

| AUTHOR<br>AFFILIATION  | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|--|---------------------|---------------------|-----------------------|---------------------|---------------------|
| Union of Concerned Scientists  | 8003040494*         | 50-289 Q            |                       | 8003040682*         | 50-339 A            |
|  | 8003040499*         | 50-289 Q            |                       | 8003040682*         | 50-339 A            |
|  | 8003100196          | 50-574 Q            |                       | 8003050203          | 50-280 P            |
|  | 8003200122          | 50-3 P              |                       | 8003050203          | 50-280 P            |
|  | 8003200175*         | 10CFR               |                       | 8003050207*         | 50-280 P            |
| United Engineers & Constructors, Inc<br>(subs of Raytheon Co)              | 8003200211*         | 10CFR               |                       | 8003050337*         | 50-338 Q            |
|  | 8003240613          | 50-289 Q            |                       | 8003050337*         | 50-338 Q            |
|  | 8003120635*         | 50-129 P            |                       | 8003060569          | 50-280 Q            |
|  | 8003130188*         | 50-324 Q            |                       | 8003060580          | 50-338 S            |
|  | 8003130449*         | 50-286 P            |                       | 8003060585*         | 50-338 S            |
| United Kingdom<br>United Nuclear Corp                                      | 8003140200*         | QA999               |                       | 8003060588          | 50-280 S            |
|  | 8003240376          | RE00D               |                       | 8003060595*         | 50-280 S            |
|  | 8003280250          | XPORTLIC            |                       | 8003070091          | 50-280 Q            |
|  | 8003030334          | 40-8602             |                       | 8003110011          | 50-280 R            |
|  | 8003030341*         | 40-8602             |                       | 8003110050          | 50-338 S            |
|  | 8003140099          | 40-8728             |                       | 8003110096*         | 50-338 S            |
|  | 8003140109*         | 40-8728             |                       | 8003110560          | 50-280 Q            |
|  | 8003140117*         | 40-8728             |                       | 8003110560          | 50-280 Q            |
|  | 8003200018          | HABTE MGT           |                       | 8003110723          | 50-280 P            |
|  | 8003260089          | 70-371              |                       |                     |                     |
| United Nuclear Corp, UNC Recovery<br>Systems Div                           | 8003050202          | 70-820              |                       | 8003120349          | 50-339 S            |
|  | 8003140131          | 70-820              |                       | 8003120477          | 50-404 Q            |
|  | 8003240064          | 70-820              |                       | 8003120477          | 50-404 Q            |
|  | 8003240216*         | 70-820              |                       | 8003120578          | 50-339 S            |
|  | 8003310200          | 70-820              |                       | 8003140226          | 50-339 A            |
| United Nuclear Corp, Naval Products Div                                    | 8003030041*         | 70-371              |                       | 8003140230          | 50-338 P            |
|  | 8003310127          | 70-371              |                       | 8003140236*         | 50-338 P            |
|  | 8003310129*         | 70-371              |                       | 8003140388          | 50-338 S            |
|  | 8003140463          | 40-8728             |                       | 8003140393*         | 50-338 S            |
|  | 8003140466*         | 40-8728             |                       | 8003170204          | 50-338 P            |
| United Nuclear Corp, Teton Exploration<br>Drilling, Inc Div                | 8003170001          | 40-8728             |                       | 8003170347          | 50-280 S            |
|  | 8003170102          | PR                  |                       | 8003170353*         | 50-280 S            |
|  | 8003040313          | 50-271 Q            |                       | 8003170357*         | 50-280 S            |
|  | 8003040469          | 50-271 S            |                       | 8003170363*         | 50-280 S            |
|  | 8003040476*         | 50-271 S            |                       |                     |                     |
| Utah, State of<br>Vermont Yankee Nuclear Power Corp                        | 8003040611          | 50-271 P            |                       | 8003170369          | 50-338 S            |
|  | 8003050273          | 50-271 Q            |                       | 8003170375*         | 50-338 S            |
|  | 8003050553          | 50-271 F            |                       | 8003170441          | 50-339 S            |
|  | 8003060550          | 50-271 S            |                       | 8003170481          | 50-280 F            |
|  | 8003060556*         | 50-271 S            |                       | 8003170481          | 50-280 F            |
|  | 8003170245*         | 50-271 P            |                       | 8003180254          | 50-339 A            |
|  | 8003170263          | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170265*         | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170362          | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003170367*         | 50-271 R            |                       | 8003180297          | 50-280 P            |
|  | 8003180314          | 50-271 P            |                       | 8003180434          | 50-280 R            |
|  | 8003180551          | 50-271 S            |                       | 8003180459*         | 50-280 R            |
|  | 8003180559*         | 50-271 S            |                       | 8003180546          | 50-338 R            |
|  | 8003190644          | 50-271 P            |                       | 8003180550*         | 50-338 R            |
|  | 8003190645*         | 50-271 P            |                       | 8003180584          | 50-338 S            |
|  | 8003200254          | 50-271 E            |                       | 8003180590*         | 50-338 S            |
|  | 8003200493          | 50-271 P            |                       | 8003180603          | 50-339 A            |
|  | 8003210561          | 50-271 S            |                       | 8003190470          | 50-339 A            |
|  | 8003210566*         | 50-271 S            |                       | 8003190520          | 50-339 S            |
|  | 8003210570          | 50-271 P            |                       | 8003190648          | 50-339 A            |
|  | 8003240436          | 50-271 F            |                       | 8003190650*         | 50-339 A            |
|  | 8003280466          | 50-271 P            |                       | 8003200393          | 50-338 P            |
|  | 8003310296          | 50-271 P            |                       | 8003200393          | 50-338 P            |
|  | 8003310298*         | 50-271 P            |                       | 8003210137*         | 50-338 Q            |
|  | 8003310372          | 50-271 I            |                       | 8003210197          | 50-339 A            |
| Vet Admin Hosp Omaha, NE<br>Villanova Univ<br>Virginia Electric & Power Co | 8003060757*         | 50-131 Q            |                       | 8003210309          | 50-339 A            |
|  | 7910160322          | 50-320 P            |                       | 8003210326          | 50-280 Q            |
|  | 8003030406          | 50-338 P            |                       | 8003210331          | 50-338 K            |
|  | 8003030450          | 50-280 S            |                       | 8003210331          | 50-338 K            |
|  | 8003030455*         | 50-280 S            |                       | 8003210337*         | 50-338 K            |
|  | 8003030548          | 50-280 S            |                       | 8003210422          | 50-338 P            |
|  | 8003030554*         | 50-280 S            |                       | 8003210459          | 50-338 S            |
|  | 8003040268          | 50-404 F            |                       | 8003210461*         | 50-338 S            |
|  | 8003040423          | 50-281 P            |                       | 8003210466          | 50-280 Q            |
|  | 8003040430          | 50-280 Q            |                       |                     |                     |
|  | 8003040501          | 50-280 R            |                       | 8003240297          | 50-404 Q            |
|  | 8003040501          | 50-280 R            |                       | 8003240297          | 50-404 Q            |
|  | 8003040622          | 50-338 S            |                       | 8003240423          | 50-339 S            |
|  | 8003040627          | 50-338 S            |                       | 8003240465          | 50-338 S            |
|  | 8003040629*         | 50-338 S            |                       | 8003240468*         | 50-338 S            |
|  | 8003040634*         | 50-338 S            |                       | 8003240473*         | 50-338 S            |
|  | 8003040636          | 50-280 S            |                       | 8003240499          | 50-280 Q            |
|  | 8003040640          | 50-280 S            |                       | 8003240501          | 50-338 S            |
|  | 8003040644*         | 50-280 S            |                       | 8003240505*         | 50-338 S            |
|  | 8003040650*         | 50-280 S            |                       | 8003240511          | 50-339 S            |
|  | 8003040664          | 50-339 A            |                       | 8003240616*         | 50-338 Q            |
|  | 8003040664          | 50-339 A            |                       | 8003250351          | 50-280 P            |
|  |                     |                     |                       | 8003260346          | 50-339 S            |
|  |                     |                     |                       | 8003260416          | 50-280 P            |
|  |                     |                     |                       | 8003270310          | 50-280 S            |

## CORPORATE SOURCE INDEX

| AUTHOR<br>AFFILIATION                     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION                | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|---|---------------------|---------------------|--------------------------------------|---------------------|---------------------|
|   | 8003270315*         | 50-280 S            |                                      | 8003050204          | XPORTLIC            |
|   | 8003280491          | 50-281 S            |                                      | 8003060755          | 50-374 Q            |
|   | 8003280495          | 50-338 F            |                                      | 8003070256          | XPORTLIC            |
|   | 8003280497*         | 50-281 S            |                                      | 8003110569          | TOPREP              |
|   | 8003280551          | 50-281 P            |                                      | 8003120422          | TOPREP              |
|   | 8003310239          | 50-338 F            |                                      | 8003130001          | 71-4400             |
|   | 8003310243*         | 50-338 F            |                                      | 8003130228          | XPORTLIC            |
|   | 8003310301          | 50-338 S            |                                      | 8003130573          | TOPREP              |
|   | 8003310307*         | 50-338 S            |                                      | 8003170458          | TOPREP              |
|   | 8003310379          | 50-339 H            |                                      | 8003180217          | TOPREP              |
|   | 8003310388          | 50-339 A            |                                      | 8003180228*         | TOPRLI              |
| Virginia, State of                        | 8003310424*         | 50-280 Q            |                                      | 8003180333*         | 50-537 A            |
|   | 8003210335          | PR                  |                                      | 8003180533          | TOPREP              |
|   | 8003250475          | PR                  |                                      | 8003190224          | 70-1143             |
|   | 8003260101*         | FOIA                |                                      | 8003190775          | 71-9032             |
| Virginia, Univ of                         | 8003060218*         | 50-62 Q             |                                      | 8003200118          | PR                  |
| Vollen, R J                               | 8003190611          | 50-367 Q            |                                      | 8003200149*         | 10CFR               |
|   | 8003240208          | 50-367 Q            |                                      | 8003210426*         | 50-338 F            |
|   | 8003240214*         | 50-367 Q            |                                      | 8003240259          | 70-1151             |
|   | 8003260443          | 50-367 Q            |                                      | 8003250397*         | 50-405 B            |
|   | 8003310096          | 50-367 Q            |                                      | 8003250407          | 70-1151             |
| Walter Kidde & Co, Inc                    | 8003080615*         | 50-271 F            |                                      | 8003270368          | TOPREP              |
|   | 8003080619*         | 50-271 F            |                                      | 8003280183          | XPORTLIC            |
|   | 8003080622*         | 50-271 F            |                                      | 8003280206          | XPORTLIC            |
| Washington Public Power Supply System     | 8003060534          | 50-377 A            |                                      | 8003280527          | 50-282 P            |
|   | 8003100059          | 50-508 Q            | Westinghouse Electric Corp, Wyoming  | 8003040084          | 40-B302             |
|   | 8003100084          | 50-508 Q            | Mineral Corp                         |                     |                     |
|   | 8003110323          | 50-460 Q            |                                      | 8003120737          | 40-B302             |
|   | 8003110327          | 50-508 Q            |                                      | 8003130236          | 40-B302             |
|   | 8003120517          | 50-377 Q            |                                      | 8003190011          | 40-B304             |
|   | 8003120522          | 50-377 Q            |                                      | 8003210197          | 40-B304             |
|   | 8003120744          | 50-377 Q            |                                      | 8003240168          | 40-B302             |
|   | 8003130516          | 50-377 Q            |                                      | 8003280144          | 40-B302             |
|   | 8003140257*         | 50-508 S            | Westinghouse Operating Plants Owners | 8003170238          | TOPREP              |
|   | 8003140262*         | 50-508 S            | Group                                |                     |                     |
|   | 8003170139          | 50-460 Q            |                                      | 8003180499          | TOPREP              |
|   | 8003170142          | 50-377 Q            |                                      | 8003240440          | TOPRLI              |
|   | 8003170151          | 50-377 Q            | Weston Geophysical Corp              | 8003050459*         | 50-27 P             |
|   | 8003240522          | 50-377 S            | Widoff, Reager, Selkowitz & Adler    | 8003040691          | 50-289 Q            |
|   | 8003240526*         | 50-377 S            |                                      | 8003130171          | 50-289 Q            |
|   | 8003250344          | 50-508 A            |                                      | 8003240001          | 50-289 Q            |
|   | 8003260489          | NUREG               | Wirth Associates, Inc                | 8003210046*         | FOIA                |
|   | 8003270441          | 50-508 Q            |                                      |                     |                     |
|   | 8003270453          | 50-508 Q            | Wisconsin Electric Power Co          | 8003030505*         | 50-266 Q            |
|   | 8003280060          | 50-377 Q            |                                      | 8003030516          | 50-266 P            |
|   | 8003280065          | 50-460 Q            |                                      | 8003050502          | 50-266 P            |
|   | 8003280065          | 50-460 Q            |                                      | 8003060547          | 50-266 R            |
|   | 8003280069          | 50-508 Q            |                                      | 8003060547          | 50-266 R            |
|   | 8003280090          | 50-460 Q            |                                      | 8003060549*         | 50-266 R            |
|   | 8003280090          | 50-460 Q            |                                      | 8003070357          | 50-266 R            |
|   | 8003280090          | 50-460 Q            |                                      | 8003070357          | 50-266 R            |
|   | 8003280114          | 50-377 Q            |                                      | 8003070359*         | 50-266 R            |
| Washington Star                           | 8003310017*         | 50-377 T            |                                      | 8003070359*         | 50-266 R            |
|   | 8003030015          | FOIA                |                                      | 8003110647          | 50-266 Q            |
| Washington Univ                           | 8003030034          | FOIA                |                                      | 8003170416          | 50-301 U            |
|   | 8003180490          | 50-27 F             |                                      | 8003170421*         | 50-301 U            |
|   |                     |                     |                                      | 8003180408          | 50-301 Q            |
| Washington, State of                      | 8003070237          | PR                  |                                      | 8003180514          | 50-301 P            |
|   | 8003070304          | 50-522 H            |                                      | 8003180538          | 50-266 R            |
|   | 8003200004          | WASTE Mgt           |                                      | 8003180542*         | 50-266 R            |
|   | 8003310219          | State Prog          |                                      | 8003190573          | 50-266 P            |
| Washington, Univ of                       | 8003200029*         | CONTRACT            |                                      | 8003200434          | 50-301 S            |
|   | 8003200368          | NUREG               |                                      |                     |                     |
| Weil, P E                                 | 8003240249*         | CONTRACT            |                                      | 8003200441*         | 50-301 S            |
| Westchester County, NY                    | 8003240066*         | 50-3 Q              |                                      | 8003240593*         | 50-266 Q            |
|   | 8003240066*         | 50-3 Q              |                                      | 8003260372          | 50-266 P            |
|   | 8003240066*         | 50-3 Q              |                                      | 8003310401          | 50-266 Q            |
|   | 8003240074*         | 50-3 Q              | Wisconsin Power & Light Co           | 8003030197*         | 50-305 H            |
|   | 8003240074*         | 50-3 Q              |                                      |                     |                     |
|   | 8003240074*         | 50-3 Q              |                                      | 8003050496*         | 50-305 R            |
| West Texas Legal Services                 | 8003040697          | 50-445 Q            |                                      | 8003030197*         | 50-305 R            |
|   | 8003040697          | 50-445 Q            | Wisconsin Public Service Corp        | 8003050458          | 50-305 S            |
|   | 8003040705*         | 50-445 Q            |                                      | 8003050464*         | 50-305 S            |
|   | 8003040705*         | 50-445 Q            |                                      | 8003050467*         | 50-305 S            |
|   | 8003190883*         | 50-445 Q            |                                      | 8003050491          | 50-305 R            |
| Westchester Peoples Action Coalition, Inc | 8003170099          | 50-3 Q              |                                      | 8003050496*         | 50-305 R            |
| Westech                                   | 8003130449*         | 50-286 P            |                                      | 8003060559          | 50-305 Q            |
|   |                     |                     |                                      | 8003060562*         | 50-305 Q            |
| Western Nuclear, Inc (subs of Phelps      | 8003270120          | 40-1162             |                                      | 8003110680          | 50-305 U            |
| Dodge Corp)                               |                     |                     |                                      |                     |                     |
| Westinghouse Electric Corp                | 8002130552          | TOPREP              |                                      | 8003110682*         | 50-305 Q            |
|   | 8002130572*         | TOPREP              |                                      | 8003180494          | 50-305 P            |
|   | 8003040055*         | 70-1143             |                                      | 8003180560          | 50-305 S            |
|   | 8003080036          | 70-1143             |                                      | 8003180564*         | 50-305 S            |
|   | 8003080036          | 70-1143             |                                      | 8003180564*         | 50-305 S            |
|   | 8003080036          | 70-1143             |                                      | 8003250211          | 50-305 Q            |
|   | 8003080036          | 70-1143             |                                      | 8003250449          | 50-305 P            |
|   | 8003080036          | 70-1143             |                                      | 8003260545          | 50-305 S            |

# CORPORATE SOURCE INDEX

443

| AUTHOR<br>AFFILIATION            | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | AUTHOR<br>AFFILIATION     | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY |
|----------------------------------|---------------------|---------------------|---------------------------|---------------------|---------------------|
|                                  | 8003260589          | 50-305 S            | Yankee Atomic Electric Co | 8003030415          | 50-29 P             |
|                                  | 8003260608*         | 50-305 S            |                           | 8003030417*         | 50-29 P             |
|                                  | 8003260616*         | 50-305 S            |                           | 8003040110          | PR                  |
|                                  | 8003260621*         | 50-305 S            |                           | 8003040277          | 50-29 P             |
|                                  | 8003260625*         | 50-305 S            |                           | 8003040405          | 50-29 J             |
|                                  | 8003270376          | 50-305 P            |                           | 8003040360          | 50-29 S             |
|                                  | 8003260463          | 50-305 P            |                           | 8003040368*         | 50-29 S             |
|                                  | 8003310105*         | 50-266 H            |                           | 8003050452          | 50-29 P             |
|                                  | 8003310311          | 50-305 S            |                           | 8003070046          | PR                  |
|                                  | 8003310316*         | 50-305 S            |                           | 8003120375          | 50-29 P             |
| Wisconsin's Environmental Decade | 8003040814          | 50-266 O            |                           | 8003120575          | 50-29 P             |
|                                  | 8003050263          | 50-266 O            |                           | 8003130496          | 50-29 R             |
|                                  | 8003060595          | 50-266 H            |                           | 8003130499*         | 50-29 R             |
| Woodward-Clyde Consultants, Inc  | 8003140143          | 50-266 O            |                           | 8003140214          | 50-29 P             |
|                                  | 8003180476*         | 50-3 R              |                           | 8003170253          | 50-29 P             |
| Wyoming Mineral Corp             | 8003120731          | 40-8802             |                           | 8003170423          | 50-29 R             |
|                                  | 8003190797          | 40-8802             |                           | 8003170425*         | 50-29 R             |
|                                  | 8003190828          | 40-8802             |                           | 8003200191*         | 10CFR               |
| Wyoming, State of                | 8003210193          | 40-8802             |                           | 8003210576*         | 50-271 P            |
|                                  | 8003130649          | 40-8721             |                           | 8003240389          | 50-29 P             |
|                                  | 8003200006          | 40-4492             |                           | 8003240450          | 50-29 P             |
|                                  | 8003240059          | 40-8802             |                           | 8003240455*         | 50-29 P             |
|                                  | 8003250485          | 40-8380             |                           | 8003250053          | 50-29 S             |
|                                  | 8003270113*         | 40-1162             |                           | 8003250549          | 50-29 J             |
|                                  | 8003280660          | 40-4492             |                           | 8003310247          | 50-29 I             |



# REPORT NUMBER INDEX

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

An asterisk following the accession number in this index indicates that the document is an enclosure to another document. To obtain the accession number of the principal document under which the enclosure is listed, refer to the index entitled "Cross Reference of Enclosures to Principal Documents."

| REPORT<br>NUMBER    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER | REPORT<br>NUMBER    | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER |
|---------------------|---------------------|---------------------|------------------------|---------------------|---------------------|---------------------|------------------------|
| 07-80-02 R2         | 8003180495*         | 50-302 P            | PAR-67                 | EPA-520/4-79-007 VC | 8003180146          | PR                  |                        |
| 257HA71B            | 8003050506*         | 50-237 P            |                        | EPA-520/6-78-007-B  | 8003180161          | PR                  |                        |
| 320198              | 8003140242*         | 50-255 P            |                        | EPA-520/6-78-007-B  | 8003180166          | PR                  | EPA 520/6-78-07        |
| 420-79 127          | 8003050228*         | 50-133 R            |                        | EPA-520/6-78-007-B  | 8003180170          | PR                  |                        |
| 420-79 85           | 8003050221*         | 50-133 R            |                        | EPA-520/9-73-003-B  | 8003110128          | PR                  | PB235804               |
| 79-4                | 8003140375*         | 50-395 R            |                        | EPA-520/9-73-003-B  | 8003180166          | PR                  |                        |
| 8003120618          | 8003120618          | RES                 |                        | EPA-520/9-73-003-C  | 8003110027          | PR                  | PB235805               |
| 8003120623          | 8003120623          | RES                 |                        | EPA-520/9-73-003-C  | 8003180266          | PR                  |                        |
| 8003120629          | 8003120629          | RES                 |                        | EPA-520/9-73-003-D  | 8003110032          | PR                  |                        |
| 8003120634          | 8003120634          | RES                 |                        | EPA-520/9-73-003-D  | 8003180178          | PR                  |                        |
| 8003120639          | 8003120639          | RES                 |                        | ERDA-1537           | 8003110023          | PR                  |                        |
| 8003120659          | 8003120659          | RES                 |                        | ERDA-77-42/1 V1     | 8003110037          | PR                  |                        |
| 8003130680          | 8003130680          | RES                 |                        | ERDA-77-42/2        | 8003110057          | PR                  |                        |
| 8003170148          | 8003170148          | RES                 |                        | ERDA-77-43          | 8003110058          | PR                  |                        |
| 8003180641          | 8003180641          | RES                 |                        | ERDA-77-44          | 8003180230          | PR                  |                        |
| 8003240092          | 8003240092          | RES                 |                        | ETR-1001 R8         | 8003180327*         | TOPREP              |                        |
| 8003260430          | 8003260430          | RES                 |                        | QA-A13010A          | 8003100201*         | TOPREP              |                        |
| 8003260436          | 8003260436          | RES                 |                        | QA-D15369 V2        | 8003190488*         | 50-267 P            |                        |
| 8003260649          | 8003260649          | RES                 |                        | QA-D15369V1         | 8003190483*         | 50-267 P            |                        |
| 8003260650          | 8003260650          | RES                 |                        | QA1-TR-106 R2A      | 8003240399*         | TOPREP              |                        |
| 8003260652          | 8003260652          | RES                 |                        | IC1979              | 8003270425*         | TOPREP              |                        |
| 8003270170          | 8003270170          | RES                 |                        | INIS-MF-5010 V2     | 8003180260          | PR                  |                        |
| 8003270358          | 8003270358          | RES                 |                        | JPA-111-013-01      | 8003140239*         | 50-70 P             |                        |
| 8003280566          | 8003280566          | RES                 | ORNL/ED/E18-120        | JPL 77-59 V1        | 8003180275          | PR                  |                        |
| 8003280572          | 8003280572          | RES                 | ORNL/ED/E18-119        | JPL 77-59 V2        | 8003180275          | PR                  |                        |
| 8003280575          | 8003280575          | RES                 |                        | LA-6741-M5          | 8003110043          | PR                  | UC41                   |
| 8003280577          | 8003280577          | RES                 | ORNL/ED/E18-121        | LBL-7022            | 8003180226          | PR                  | TID-4500-R66           |
| 8003310132          | 8003310132          | RES                 |                        | LBL-7052            | 8003110038          | PR                  | SAC-02                 |
| 8003310135          | 8003310135          | RES                 |                        | LBL-7062            | 8003180241          | PR                  |                        |
| 81A0036 R1          | 8003210489*         | 50-409 F            |                        | LBL-7073            | 8003110033          | PR                  | SAC-10                 |
| ACNP-66541          | 8003180371*         | 50-409 G            |                        | LBL-7073            | 8003180237          | PR                  | SAC-10                 |
| ANL-78-46           | 8003180202          | PR                  | W-31-109-ENQ-38        | LBL-7082 V1         | 8003110044          | PR                  |                        |
| ANL-78-8            | 8003110041          | PR                  |                        | LBL-7082 V2         | 8003180281          | PR                  | SAC-09                 |
| ANL-79-30           | 8003110052          | PR                  |                        | N18 17-1973         | 8003070114*         | ACRS                |                        |
| ARH-2888            | 8003110042          | PR                  |                        | NEDO-10905-3        | 8003040319*         | TOPREP              |                        |
| B-600-366-79        | 8003190528*         | TOPREP              |                        | NEDO-24081          | 8003100219*         | 50-277 P            |                        |
| BAW-10143           | 8003260292*         | TOPREP              |                        | NEDO-24081          | 8003100224*         | 50-277 P            |                        |
| BAW-1965            | 8003180210*         | 50-270 P            |                        | NEDO-24146A         | 8003270372*         | 50-249 P            |                        |
| BAW-1607            | 8003280276*         | 50-302 P            |                        | NEDO-24146A         | 8003240471*         | 50-237 P            | 79NED273               |
| BAW-1610            | 8003040498*         | 50-302 P            |                        | NEDO-24231          | 8003100219*         | 50-277 P            |                        |
| BAW-1610            | 8003060415*         | TOPREP              |                        | NEDO-24237          | 8003100227*         | 50-277 P            | BONED256               |
| BAW-381             | 8003310193*         | 70-B24              | 15508                  | NEDO-24242          | 8003110034*         | 50-333 P            | BONED260               |
| BNWL-2051 PART 2    | 8003110039          | PR                  |                        | NEDO-24708 S1       | 8003240524*         | TOPREP              |                        |
| BVTR-1-0A           | 8003060354*         | TOPREP              |                        | NES 81A0028         | 8003200468*         | 50-409 P            |                        |
| CPC-1-A V1 R8       | 8003170160*         | TOPREP              |                        | NLG-83 R1           | 8003310046*         | 71-244              | 15554                  |
| CRBRP-3 V2          | 8003310164*         | 50-537 A            |                        | NSAC-3              | 8003140392*         | 50-302 P            | INPD-1                 |
| DCE/E18-0023        | 8003110031          | PR                  | DOE/E18 0023           | NUREG-0020 V4 N1    | 8003170143          | NUREG               |                        |
| DCE/ER-0004/D       | 8003110066          | PR                  |                        | NUREG-0034          | 8003060448          | 50-437 E            |                        |
| DCE/ET-0094         | 8003180220          | PR                  |                        | NUREG-0054          | 8003100046*         | 50-437 E            |                        |
| DP-1943             | 8003280157*         | 70-754              |                        | NUREG-0330 V4 N1    | 8003280593          | NUREG               |                        |
| DP-1544             | 80033100130*        | 70-1237             |                        | NUREG-0380 V4 N2    | 8003100177          | NUREG               |                        |
| EPA-520/4-76-017    | 8003110036          | PR                  | PD 259 857             | NUREG-0386 S1       | 8003140128          | NUREG               |                        |
| EPA-520/4-76-017    | 8003180205          | PR                  | EPA 520/4-76-01        | NUREG-0460 V4       | 8003270076          | NUREG               |                        |
| EPA-520/4-79-007 VA | 8003180147          | PR                  | EPA 68-01-4470         | NUREG-0543          | 8003110309          | NUREG               |                        |
| EPA-520/4-79-007 VB | 8003180263          | PR                  |                        | NUREG-0565          | 8003060454          | NUREG               |                        |



## REPORT NUMBER INDEX

| REPORT<br>NUMBER | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER | REPORT<br>NUMBER | ACCESSION<br>NUMBER | SUBJECT<br>CATEGORY | OTHER REPORT<br>NUMBER |
|------------------|---------------------|---------------------|------------------------|------------------|---------------------|---------------------|------------------------|
| NUREG-0565       | 8003100231          |                     |                        | NUREG/CR-1341    | 8003250270          | NUREG               |                        |
| NUREG-0620       | 8003170009*         | 50-327              | P                      | NUREG/CR-1362    | 8003250168          | NUREG               | EOO-EA-5092            |
| NUREG-0626       | 8003110304          | NUREG               |                        | NVQ-185 R1       | 8003310492          | PR                  |                        |
| NUREG-0627       | 8003250163          | 70-135              |                        | ORNL-9           | 8003110053          | PR                  |                        |
| NUREG-0628       | 8003120399          | NUREG               |                        | ORNL-TM-3619     | 8003110009          | PR                  |                        |
| NUREG-0630       | 8003170371*         | 50-320              | P                      | ORNL-TM-3965     | 8003110015          | PR                  |                        |
| NUREG-0635       | 8003110317          | NUREG               |                        | ORNL-TM-4224     | 8003110006          | PR                  |                        |
| NUREG-0645 V1    | 8003110205          | NUREG               |                        | ORNL-TM-4631     | 8003110019          | PR                  |                        |
| NUREG-0645 V2    | 8003110212*         | NUREG               |                        | ORNL/ENG/TM-3/A1 | 8003210227*         | 71-5597             |                        |
| NUREG-0646       | 8003040292          | NUREG               |                        | ORP/CSD 79-1     | 8003180214          | PR                  |                        |
| NUREG-0649       | 8003250462          | NUREG               |                        | ORP/CSD-77-2     | 8003180246          | PR                  | ORP/CSD 77-2           |
| NUREG-0656       | 8003110433          | NUREG               |                        | ORP/CSD-78-2     | 8003180230          | PR                  |                        |
| NUREG-0657       | 8003120610          | NUREG               |                        | ORP/TAD-78/2     | 8003180209          | PR                  | ORP/TAD-78-2           |
| NUREG-0658       | 8003170012*         | 50-327              | P                      | PCE-1006-79      | 8003110586*         | 50-344              | R                      |
| NUREG-0660       | 8003240590*         | 50-320              | P                      | PNL-2965         | 8003060097*         | 70-1143             | UC-20E                 |
| NUREG-0662       | 8003280441          | 50-320              | P                      | PNL-2984         | 8003070148*         | 70-1143             | UC-20E                 |
| NUREG-0663       | 8003270132*         | 50-280              | P                      | PR-256 903       | 8003180144          | PR                  |                        |
| NUREG/CR-0114    | 8003180256          | PR                  | ORNL/NUREG/TM-8        | RIL-068          | 8003190500          | REG                 |                        |
| NUREG/CR-0318    | 8003310101*         | FOIA                | PNL-2494               | SAND77-1816      | 8003110014          | PR                  |                        |
| NUREG/CR-0497    | 8003250415          | NUREG               | TREE-1280 R1           | SAND79-0531 V1   | 8003110018          | PR                  |                        |
| NUREG/CR-0619    | 8003040254          | NUREG               | BNL-NUREG-5095         | SAND79-0531 V2   | 8003110029          | PR                  |                        |
| NUREG/CR-0642    | 8003040236          | NUREG               |                        | SECY-75-324      | 8003260487*         | SECY                |                        |
| NUREG/CR-0749    | 8003040253          | NUREG               | PNL-3075               | SECY-79-276      | 8003050133*         | 10CFR               |                        |
| NUREG/CR-0795    | 8003260133          | NUREG               |                        | SECY-79-276A     | 8003050128*         | 10CFR               |                        |
| NUREG/CR-0797    | 8003030224          | NUREG               | PNL-2975               | SECY-79-3300     | 8003140155          | SECY                |                        |
| NUREG/CR-0803    | 8003200368          | NUREG               |                        | SECY-79-481      | 8003200234          | SECY                |                        |
| NUREG/CR-0857    | 8003030221          | NUREG               | BNL-NUREG-51026        | SECY-79-504A     | 8003040130          | SECY                |                        |
| NUREG/CR-0867    | 8003120427          | NUREG               | BNL-NUREG-51030        | SECY-79-653A     | 8003210014          | SECY                |                        |
| NUREG/CR-0933    | 8003120210          | NUREG               | BNL-NUREG-51025        | SECY-79-660      | 8003200115*         | 10CFR               |                        |
| NUREG/CR-0977    | 8003250174          | NUREG               |                        | SECY-80-022      | 8003050139*         | 10CFR               |                        |
| NUREG/CR-1037    | 8003040333          | NUREG               | BNL-NUREG-51023        | SECY-80-025      | 8003050116*         | 10CFR               |                        |
| NUREG/CR-1039    | 8003200322          | NUREG               | ORNL/NUREG/TM-3        | SECY-80-039      | 8003260484          | SECY                |                        |
| NUREG/CR-1053    | 8003040248          | NUREG               |                        | SECY-80-044      | 8003200105*         | 10CFR               |                        |
| NUREG/CR-1060    | 8003100129          | NUREG               |                        | SECY-80-047      | 8003310352          | SECY                |                        |
| NUREG/CR-1064    | 8003040323          | NUREG               |                        | SECY-80-061      | 8003200091*         | 10CFR               |                        |
| NUREG/CR-1081    | 8003250394          | NUREG               | FDDU-218-2             | SECY-80-063      | 8003190687          | SECY                |                        |
| NUREG/CR-1099    | 8003250385          | NUREG               | PNL-3177               | SECY-80-064      | 8003050095*         | 10CFR               |                        |
| NUREG/CR-1127    | 8003250425          | NUREG               | NRL 4121               | SECY-80-065      | 8003190691          | SECY                |                        |
| NUREG/CR-1127    | 8003170123          | NUREG               |                        | SECY-80-074      | 8003050089*         | 10CFR               |                        |
| NUREG/CR-1128    | 8003040327          | NUREG               |                        | SECY-80-075      | 8003190578          | SECY                |                        |
| NUREG/CR-1140 V1 | 8003200346          | NUREG               | UCRL-52712             | SECY-80-077      | 8003200075*         | 50-280              | Q                      |
| NUREG/CR-1140 V2 | 8003250459          | NUREG               | UCRL-52712             | SECY-80-078      | 8003250182*         | 10CFR               |                        |
| NUREG/CR-1145    | 8003270245*         | NUREG               | EOO-2007               | SECY-80-082      | 8003250190*         | 10CFR               |                        |
| NUREG/CR-1147    | 8003100183          | NUREG               | ORNL/NUREG/TM-3        | SECY-80-098      | 8003250101          | SECY                |                        |
| NUREG/CR-1199    | 8003100199          | NUREG               | LA-8169-M8             | SECY-80-105      | 8003210314          | 50-320              | P                      |
| NUREG/CR-1201    | 8003100204          | NUREG               | LA-8171-PR             | SECY-A-79-091A   | 8003200475*         | 50-443              | Q                      |
| NUREG/CR-1204    | 8003120683          | NUREG               | NRC-01-78-012          | STI/PUB-433 V1   | 8003110004          | PR                  |                        |
| NUREG/CR-1213    | 8003050131          | NUREG               | PNL-3077               | STI/PUB-433 V2   | 8003110002          | PR                  |                        |
| NUREG/CR-1236    | 8003250260          | NUREG               | EOO-2014               | TDR-139          | 8003310287*         | 50-289              | P RM-10                |
| NUREG/CR-1247    | 8003120267          | NUREG               | AT(49-24)-0366         | TID-28817        | 8003180154          | PR                  |                        |
| NUREG/CR-1255    | 8003250390          | NUREG               | SAND79-8058            | TID-28818        | 8003180174          | PR                  |                        |
| NUREG/CR-1258 V1 | 8003250278          | NUREG               | UCID-18123-79-3        | TID-29018        | 8003110035          | PR                  |                        |
| NUREG/CR-1259    | 8003110285          | NUREG               |                        | TR-21A           | 8003250294          | TOPREP              |                        |
| NUREG/CR-1267    | 8003140220          | NUREG               |                        | TR-0-MCH-001     | 8003180183*         | 50-285              | P                      |
| NUREG/CR-1279    | 8003280652          | NUREG               | UCRL-52729             | UCRL-13934       | 8003110010          | PR                  |                        |
| NUREG/CR-1286    | 8003100188          | NUREG               |                        | USOAO EMD-77-41  | 8003110012          | PR                  |                        |
| NUREG/CR-1290    | 8003050642          | NUREG               |                        | USO8-CIRC-779    | 8003110048          | PR                  |                        |
| NUREG/CR-1313    | 8003190101          | NUREG               | NRC-04-77-011          | VER-0209         | 8003120329*         | 50-409              | P                      |
| NUREG/CR-1314    | 8003200350          | NUREG               |                        | WARD-D-0210 R1   | 8003180333*         | 50-537              | A 5737A-650A-(S14      |
| NUREG/CR-1317    | 8003270037          | NUREG               |                        | WASH-1248        | 8003110059          | PR                  |                        |
| NUREG/CR-1319    | 8003140122          | NUREG               | NRC-04-76-293-3        | WCAP-9561        | 8003180228*         | TOPREP              |                        |
| NUREG/CR-1325    | 8003200328          | NUREG               | BNL-NUREG-51147        | WCAP-9662        | 8002130572*         | TOPREP              |                        |
| NUREG/CR-1326    | 8003200316          | NUREG               | BNL-NUREG 51148        | XN-NF-77-78      | 8003110551*         | 50-219              | P                      |
| NUREG/CR-1328    | 8003200364          | NUREG               | NRC-04-76-315          | YAEC-1204        | 8003040197*         | 50-309              | P                      |
| NUREG/CR-1336    | 8003270046          | NUREG               |                        | YAEC-1205        | 8003210576*         | 50-271              | P                      |
|                  |                     |                     |                        | YAEC-1206        | 8003030417*         | 50-29               | P                      |

## CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

Items listed as enclosures are those indicated by an asterisk following the accession number in the indexes. The second column gives the accession number of the principal document under which the enclosure is listed. Knowing the accession number of the principal document, the date issued and the category enables locating the title listing of the enclosure.

The subject category column in this index gives the docket number and the symbol for the category of information within that docket; for example, 50-320 P. The docket subject categories are defined in Appendix A.

Subject categories for nondocketed items are also entered in this column by symbol; for example, ACRS. These categories are defined in Appendix B and listed in the Contents.

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 7811130230       | 7811130146         | 78/11/03    | 50-346 H         | 8003030167       | 8003030161         | 80/02/22    | 50-155 Q         |
| 7906250101       | 7906250091         | 79/05/17    | 50-346 P         | 8003030174       | 8003030161         | 80/02/22    | 50-155 Q         |
| 7906250112       | 7906250091         | 79/05/17    | 50-270 P         | 8003030197       | 8003030183         | 80/02/25    | 50-305 R         |
| 7906290617       | 7906290605         | 79/05/24    | MISC             | 8003030206       | 8003030202         | 80/02/29    | 50-395 K         |
| 7909070569       | 7909070562         | 79/08/09    | 50-320 H         | 8003030220       | 8003030214         | 80/02/05    | TOPREP           |
| 7909270566       | 7909270559         | 79/08/06    | MISC             | 8003030235       | 8003030230         | 80/01/30    | 40-6659          |
| 7910180096       | 7910180094         | 79/07/17    | MISC             | 8003030341       | 8003030334         | 80/01/29    | 40-8602          |
| 7910260189       | 7910260186         | 79/10/15    | MISC             | 8003030370       | 8003030365         | 80/02/25    | 50-553 S         |
| 7910260222       | 7910260219         | 79/10/16    | MISC             | 8003030388       | 8003030381         | 80/02/25    | 50-317 S         |
| 7910260224       | 7910260219         | 79/10/16    | MISC             | 8003030399       | 8003030397         | 80/02/22    | 50-316 S         |
| 7910300474       | 7910300471         | 79/10/19    | MISC             | 8003030401       | 8003030400         | 80/02/28    | 50-263 R         |
| 7910310125       | 7910310119         | 79/07/16    | 50-346 Q         | 8003030402       | 8003030400         | 80/02/28    | 50-263 R         |
| 7911060017       | 7911060016         | 79/10/22    | COMMISSION       | 8003030410       | 8003030407         | 80/01/04    | 50-369 S         |
| 7912050382       | 7912050383         | 79/11/30    | 50-458 A         | 8003030417       | 8003030415         | 80/02/27    | 50-29 P          |
| 8002130572       | 8002130552         | 80/02/06    | TOPREP           | 8003030423       | 8003030419         | 80/02/25    | 50-324 S         |
| 8002200068       | 8002200059         | 80/01/18    | 50-369 F         | 8003030442       | 8003030434         | 80/02/20    | 50-324 S         |
| 8002270471       | 8002270464         | 80/01/10    | 70-824           | 8003030455       | 8003030450         | 80/02/26    | 50-280 S         |
| 8002270477       | 8002270464         | 80/01/10    | 70-824           | 8003030470       | 8003030465         | 80/02/21    | 50-336 S         |
| 8002290031       | 8002290029         | 80/01/26    | 50-10 Q          | 8003030474       | 8003030473         | 80/02/22    | 50-331 S         |
| 8002290049       | 8002290044         | 80/01/28    | 50-320 P         | 8003030482       | 8003030478         | 80/02/29    | 50-244 P         |
| 8003030004       | 8003030001         | 80/01/24    | 50-317 Q         | 8003030489       | 8003030486         | 80/02/11    | 50-302 S         |
| 8003030005       | 8003030001         | 80/01/24    | 50-317 Q         | 8003030499       | 8003030494         | 80/02/27    | 50-334 P         |
| 8003030008       | 8003030001         | 80/01/24    | 50-317 Q         | 8003030504       | 8003030494         | 80/02/27    | 50-334 P         |
| 8003030010       | 8003030001         | 80/01/24    | 50-317 Q         | 8003030505       | 8003030501         | 80/02/26    | 50-266 Q         |
| 8003030017       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030515       | 8003030511         | 80/02/11    | 50-329 S         |
| 8003030019       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030528       | 8003030524         | 80/02/12    | 50-329 S         |
| 8003030024       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030538       | 8003030532         | 80/02/22    | 50-368 S         |
| 8003030025       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030540       | 8003030532         | 80/02/22    | 50-368 S         |
| 8003030027       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030554       | 8003030548         | 80/02/26    | 50-280 S         |
| 8003030032       | 8003030013         | 80/01/21    | 50-317 Q         | 8003030566       | 8003030558         | 80/02/22    | 50-324 S         |
| 8003030041       | 8003030038         | 80/01/18    | 70-371           | 8003030567       | 8003030560         | 80/02/27    | 50-325 S         |
| 8003030045       | 8003030038         | 80/01/18    | 70-371           | 8003030568       | 8003030561         | 80/02/29    | 50-321 R         |
| 8003030047       | 8003030038         | 80/01/18    | 70-371           | 8003030572       | 8003030563         | 80/02/27    | 50-270 Q         |
| 8003030049       | 8003030043         | 80/01/23    | MISC             | 8003030580       | 8003030571         | 80/02/26    | 50-282 S         |
| 8003030052       | 8003030038         | 80/01/18    | 70-371           | 8003030594       | 8003030589         | 80/02/22    | 50-325 S         |
| 8003030057       | 8003030051         | 80/01/08    | 50-448 Q         | 8003030621       | 8003030613         | 80/02/03    | 50-320 Q         |
| 8003030058       | 8003030055         | 80/02/12    | 50-263 P         | 8003040007       | 8003040002         | 80/03/03    | 50-289 P         |
| 8003030061       | 8003030055         | 80/02/12    | 50-263 P         | 8003040009       | 8003040005         | 80/02/25    | XPORTRIC         |
| 8003030063       | 8003030055         | 80/02/12    | 50-263 P         | 8003040010       | 8003040003         | 80/02/12    | 70-687           |
| 8003030065       | 8003030055         | 80/02/12    | 50-263 P         | 8003040013       | 8003040004         | 80/01/28    | 50-320 P         |
| 8003030070       | 8003030068         | 80/01/31    | 50-259 P         | 8003040014       | 8003040005         | 80/02/25    | XPORTRIC         |
| 8003030074       | 8003030068         | 80/01/31    | 50-259 P         | 8003040016       | 8003040003         | 80/02/12    | 70-687           |
| 8003030076       | 8003030073         | 80/02/26    | 50-367 Q         | 8003040018       | 8003040012         | 80/02/12    | 50-483 Q         |
| 8003030078       | 8003030073         | 80/02/26    | 50-367 Q         | 8003040020       | 8003040003         | 80/02/12    | 70-687           |
| 8003030080       | 8003030068         | 80/01/31    | 50-259 P         | 8003040025       | 8003040022         | 80/02/15    | 50-289 Q         |
| 8003030087       | 8003030083         | 80/02/13    | 50-259 P         | 8003040026       | 8003040003         | 80/02/12    | 70-687           |
| 8003030089       | 8003030083         | 80/02/13    | 50-259 P         | 8003040033       | 8003040030         | 80/01/28    | 50-354 S         |
| 8003030092       | 8003030083         | 80/02/13    | 50-259 P         | 8003040034       | 8003040031         | 80/02/07    | 50-272 Q         |
| 8003030099       | 8003030096         | 80/01/28    | 50-289 P         | 8003040038       | 8003040031         | 80/02/07    | 50-272 Q         |
| 8003030104       | 8003030100         | 79/12/28    | 50-322 Q         | 8003040041       | 8003040031         | 80/02/07    | 50-272 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003040045       | 8003040031         | 80/02/07    | 50-272 Q         | 8003040614       | 8003040607         | 80/02/27    | 50-259 S         |
| 8003040047       | 8003040044         | 79/08/03    | 70-364           | 8003040616       | 8003040609         | 80/02/26    | 50-346 S         |
| 8003040051       | 8003040031         | 80/02/07    | 50-272 Q         | 8003040619       | 8003040608         | 80/02/25    | 50-312 S         |
| 8003040055       | 8003040052         | 79/11/07    | 70-1143          | 8003040621       | 8003040615         | 80/02/29    | 50-245 R         |
| 8003040074       | 8003040070         | 80/02/11    | 50-412 Q         | 8003040625       | 8003040620         | 80/02/28    | 50-302 R         |
| 8003040077       | 8003040070         | 80/02/11    | 50-412 Q         | 8003040629       | 8003040622         | 80/02/28    | 50-338 S         |
| 8003040079       | 8003040070         | 80/02/11    | 50-412 Q         | 8003040631       | 8003040623         | 80/02/28    | 50-286 G         |
| 8003040082       | 8003040070         | 80/02/11    | 50-412 Q         | 8003040632       | 8003040620         | 80/02/28    | 50-302 R         |
| 8003040094       | 8003040090         | 79/08/17    | 70-135           | 8003040634       | 8003040627         | 80/02/28    | 50-338 S         |
| 8003040095       | 8003040088         | 80/02/11    | CONTRACT         | 8003040638       | 8003040620         | 80/02/28    | 50-302 R         |
| 8003040096       | 8003040092         | 80/02/12    | 50-272 Q         | 8003040644       | 8003040636         | 80/02/28    | 50-280 S         |
| 8003040098       | 8003040092         | 80/02/12    | 50-272 Q         | 8003040650       | 8003040640         | 80/02/28    | 50-280 S         |
| 8003040101       | 8003040092         | 80/02/12    | 50-272 Q         | 8003040652       | 8003040642         | 80/02/29    | 50-206 S         |
| 8003040105       | 8003040099         | 80/02/22    | CONTRACT         | 8003040655       | 8003040649         | 80/02/28    | 50-302 S         |
| 8003040106       | 8003040092         | 80/02/12    | 50-272 Q         | 8003040661       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040113       | 8003040109         | 80/01/21    | 70-1201          | 8003040663       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040118       | 8003040109         | 80/01/21    | 70-1201          | 8003040666       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040120       | 8003040112         | 79/11/02    | 70-135           | 8003040668       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040128       | 8003040124         | 80/01/21    | 50-77 Q          | 8003040672       | 8003040669         | 80/02/11    | XPORTLIC         |
| 8003040134       | 8003040112         | 79/11/02    | 70-135           | 8003040673       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040135       | 8003040112         | 79/11/02    | 70-135           | 8003040677       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040137       | 8003040112         | 79/11/02    | 70-135           | 8003040680       | 8003040675         | 80/02/21    | 50-275 Q         |
| 8003040140       | 8003040112         | 79/11/02    | 70-135           | 8003040682       | 8003040664         | 79/10/16    | 50-339 A         |
| 8003040155       | 8003040149         | 80/02/11    | 50-259 P         | 8003040683       | 8003040659         | 80/02/21    | 50-344 Q         |
| 8003040172       | 8003040168         | 80/02/20    | 50-346 R         | 8003040684       | 8003040675         | 80/02/21    | 50-275 Q         |
| 8003040181       | 8003040176         | 80/02/15    | PROJ             | 8003040688       | 8003040659         | 80/02/28    | 50-344 Q         |
| 8003040183       | 8003040178         | 80/02/27    | 50-261 R         | 8003040689       | 8003040675         | 80/02/21    | 50-275 Q         |
| 8003040197       | 8003040193         | 80/02/27    | 50-309 P         | 8003040693       | 8003040675         | 80/02/21    | 50-275 Q         |
| 8003040206       | 8003040201         | 80/02/21    | CONTRACT         | 8003040696       | 8003040690         | 80/02/06    | 70-25            |
| 8003040218       | 8003040212         | 80/02/26    | 50-275 F         | 8003040699       | 8003040692         | 80/02/28    | 50-289 Q         |
| 8003040223       | 8003040216         | 80/02/14    | 50-327 H         | 8003040705       | 8003040697         | 80/02/11    | 50-445 Q         |
| 8003040228       | 8003040220         | 80/02/20    | 50-498 Q         | 8003040706       | 8003040701         | 80/02/11    | 50-320 H         |
| 8003040230       | 8003040130         | 80/02/05    | SECY             | 8003040710       | 8003040701         | 80/02/11    | 50-320 H         |
| 8003040255       | 8003040242         | 80/02/15    | 50-320 H         | 8003040712       | 8003040697         | 80/02/11    | 50-445 Q         |
| 8003040264       | 8003040257         | 80/02/14    | CONTRACT         | 8003040716       | 8003040709         | 80/02/28    | 70-1308          |
| 8003040265       | 8003040258         | 80/02/22    | 50-206 R         | 8003050015       | 8003050009         | 80/02/15    | 50-320 Q         |
| 8003040305       | 8003040299         | 80/02/26    | 50-298 P         | 8003050016       | 8003050009         | 80/02/15    | 50-320 Q         |
| 8003040314       | 8003040309         | 80/02/29    | TOPREP           | 8003050020       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040319       | 8003040309         | 80/02/29    | TOPREP           | 8003050026       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040414       | 8003040412         | 80/02/21    | 50-312 P         | 8003050027       | 8003050025         | 79/10/15    | 70-1257          |
| 8003040415       | 8003040413         | 80/02/27    | 50-261 R         | 8003050029       | 8003050023         | 80/01/04    | 50-271 Q         |
| 8003040417       | 8003040413         | 80/02/27    | 50-261 R         | 8003050032       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040422       | 8003040420         | 80/02/28    | 50-282 R         | 8003050037       | 8003050030         | 80/02/15    | 50-289 Q         |
| 8003040426       | 8003040420         | 80/02/28    | 50-282 R         | 8003050038       | 8003050036         | 79/10/17    | 70-1143          |
| 8003040435       | 8003040431         | 80/02/28    | 50-302 P         | 8003050040       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040443       | 8003040438         | 80/03/01    | 50-298 R         | 8003050045       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040466       | 8003040460         | 80/02/21    | 40-3392          | 8003050047       | 8003050034         | 79/12/28    | 50-322 Q         |
| 8003040472       | 8003040468         | 80/02/21    | 50-331 R         | 8003050050       | 8003050044         | 79/09/07    | 70-135           |
| 8003040476       | 8003040469         | 80/02/27    | 50-271 S         | 8003050055       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040478       | 8003040474         | 80/02/27    | 50-250 P         | 8003050059       | 8003050056         | 79/07/11    | 70-364           |
| 8003040485       | 8003040481         | 80/02/25    | 50-282 R         | 8003050060       | 8003050054         | 80/01/03    | 50-317 Q         |
| 8003040488       | 8003040483         | 80/02/21    | 50-331 R         | 8003050063       | 8003050014         | 80/02/29    | 50-348 S         |
| 8003040496       | 8003040490         | 80/02/29    | 50-329 S         | 8003050067       | 8003050056         | 79/07/11    | 70-364           |
| 8003040498       | 8003040484         | 80/02/26    | 50-302 P         | 8003050079       | 8003050072         | 80/01/02    | 50-387 Q         |
| 8003040507       | 8003040501         | 80/02/29    | 50-280 R         | 8003050081       | 8003050077         | 80/02/22    | 71-348           |
| 8003040510       | 8003040502         | 80/02/29    | 50-333 S         | 8003050089       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040512       | 8003040504         | 80/02/22    | 50-237 S         | 8003050095       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040522       | 8003040515         | 80/03/29    | 50-348 R         | 8003050097       | 8003050073         | 80/01/15    | 50-546 Q         |
| 8003040523       | 8003040513         | 80/03/28    | 50-316 S         | 8003050098       | 8003050094         | 80/02/02    | 50-846 Q         |
| 8003040526       | 8003040521         | 80/02/28    | 50-373 A         | 8003050100       | 8003050085         | 80/01/24    | 50-245 Q         |
| 8003040534       | 8003040513         | 80/02/28    | 50-316 S         | 8003050102       | 8003050101         | 79/08/01    | 70-135           |
| 8003040537       | 8003040527         | 80/02/28    | 50-331 S         | 8003050103       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040539       | 8003040531         | 80/02/25    | 50-249 S         | 8003050104       | 8003050097         | 80/02/08    | 50-387 Q         |
| 8003040543       | 8003040513         | 80/02/28    | 50-316 S         | 8003050105       | 8003050085         | 80/01/24    | 50-245 Q         |
| 8003040548       | 8003040404         | 80/02/26    | 50-295 R         | 8003050106       | 8003050073         | 80/01/15    | 50-546 Q         |
| 8003040554       | 8003040547         | 80/02/19    | 50-265 S         | 8003050107       | 8003050085         | 80/01/24    | 50-245 Q         |
| 8003040555       | 8003040545         | 80/02/26    | 50-366 S         | 8003050110       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040556       | 8003040540         | 80/02/28    | 50-324 R         | 8003050112       | 8003050085         | 80/01/24    | 50-245 Q         |
| 8003040563       | 8003040552         | 80/02/26    | 50-321 S         | 8003050114       | 8003050092         | 79/11/19    | 70-1143          |
| 8003040565       | 8003040559         | 80/02/27    | 50-277 R         | 8003050116       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040568       | 8003040560         | 80/02/27    | 50-29 S          | 8003050117       | 8003050109         | 80/02/20    | 50-206 Q         |
| 8003040571       | 8003040564         | 80/02/29    | 50-255 P         | 8003050119       | 8003050109         | 80/02/20    | 50-206 Q         |
| 8003040572       | 8003040561         | 80/02/25    | 50-321 S         | 8003050122       | 8003050109         | 80/02/20    | 50-206 Q         |
| 8003040576       | 8003040564         | 80/02/29    | 50-255 P         | 8003050123       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040582       | 8003040570         | 80/02/27    | 50-316 S         | 8003050124       | 8003050120         | 80/02/20    | CONTRACT         |
| 8003040590       | 8003040579         | 80/02/28    | 50-346 S         | 8003050125       | 8003050115         | 80/02/14    | 71-5450          |
| 8003040597       | 8003040587         | 80/02/25    | 50-219 S         | 8003050126       | 8003050109         | 80/02/20    | 50-206 Q         |
| 8003040601       | 8003040592         | 80/02/27    | 50-296 S         | 8003050128       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040603       | 8003040594         | 80/02/27    | 50-324 S         | 8003050133       | 8003050073         | 80/02/20    | 10CFR            |
| 8003040605       | 8003040597         | 80/02/28    | 50-346 S         | 8003050134       | 8003050132         | 80/02/14    | 50-335 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

449

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003050135       | 8003050073         | 80/02/20    | 10CFR            | 8003050512       | 8003050503         | 80/02/29    | 50-318 S         |
| 8003050139       | 8003050073         | 80/02/20    | 10CFR            | 8003050514       | 8003050514         | 80/02/29    | 50-155 R         |
| 8003050162       | 8003050134         | 80/02/14    | 70-820           | 8003050544       | 8003050542         | 80/02/28    | TOPREP           |
| 8003050171       | 8003050154         | 80/02/14    | 70-820           | 8003050547       | 8003050543         | 80/02/29    | 50-440 S         |
| 8003050172       | 8003050165         | 80/02/12    | 70-2623          | 8003050563       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050192       | 8003050188         | 80/02/25    | 50-313 R         | 8003050569       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050193       | 8003050187         | 80/02/19    | 50-528 Q         | 8003050576       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050196       | 8003050187         | 80/02/19    | 50-528 Q         | 8003050583       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050200       | 8003050187         | 80/02/19    | 50-528 Q         | 8003050591       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050207       | 8003050203         | 80/03/03    | 50-280 P         | 8003050596       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050218       | 8003050212         | 80/02/29    | 50-133 R         | 8003050600       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050221       | 8003050212         | 80/02/29    | 50-133 R         | 8003050607       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050225       | 8003050216         | 80/02/15    | 50-289 Q         | 8003050611       | 8003050601         | 80/02/11    | 50-10 R          |
| 8003050227       | 8003050222         | 80/02/21    | 71-6697          | 8003050615       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050228       | 8003050212         | 80/02/29    | 50-133 R         | 8003050619       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050235       | 8003050233         | 80/02/20    | 71-5926          | 8003050622       | 8003050553         | 80/02/26    | 50-271 F         |
| 8003050236       | 8003050231         | 80/02/22    | 50-275 A         | 8003050629       | 8003050614         | 80/02/15    | 50-289 Q         |
| 8003050241       | 8003050240         | 80/02/14    | 10CFR            | 8003050632       | 8003050624         | 80/02/04    | 50-295 R         |
| 8003050243       | 8003050237         | 80/02/29    | 50-3 R           | 8003050640       | 8003050635         | 80/01/23    | 50-546 Q         |
| 8003050245       | 8003050242         | 80/02/20    | 71-6387          | 8003050647       | 8003050635         | 80/01/23    | 50-546 Q         |
| 8003050247       | 8003050244         | 80/02/22    | 10CFR            | 8003050652       | 8003050648         | 79/12/28    | 50-423 Q         |
| 8003050249       | 8003050238         | 80/02/14    | 50-320 Q         | 8003050659       | 8003050654         | 80/02/22    | 50-329 Q         |
| 8003050254       | 8003050251         | 80/02/22    | 10CFR            | 8003060006       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050255       | 8003050252         | 80/01/14    | EXPORTLIC        | 8003060013       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050258       | 8003050253         | 80/02/15    | 50-289 Q         | 8003060021       | 8003060001         | 80/02/20    | 50-77 Q          |
| 8003050259       | 8003050254         | 80/02/13    | 50-293 Q         | 8003060023       | 8003060022         | 80/02/13    | 50-443 H         |
| 8003050261       | 8003050250         | 80/01/24    | 50-338 Q         | 8003060041       | 8003060036         | 80/02/29    | 50-317 R         |
| 8003050265       | 8003050256         | 80/02/13    | 50-293 Q         | 8003060048       | 8003060044         | 80/01/10    | 70-1319          |
| 8003050269       | 8003050262         | 79/12/28    | 70-371           | 8003060049       | 8003060043         | 80/02/15    | 50-289 S         |
| 8003050271       | 8003050268         | 80/02/20    | 50-338 Q         | 8003060056       | 8003060052         | 79/12/26    | 71-273           |
| 8003050281       | 8003050277         | 80/01/24    | 50-269 Q         | 8003060064       | 8003060058         | 80/02/15    | 50-320 Q         |
| 8003050288       | 8003050285         | 80/01/24    | 50-390 Q         | 8003060070       | 8003060066         | 80/02/19    | 50-482 K         |
| 8003050297       | 8003050291         | 80/01/24    | 50-318 Q         | 8003060078       | 8003060065         | 79/10/23    | 70-734           |
| 8003050305       | 8003050300         | 80/01/17    | 70-33            | 8003060089       | 8003060082         | 80/02/15    | 50-289 Q         |
| 8003050307       | 8003050299         | 79/08/31    | 50-438 A         | 8003060097       | 8003060091         | 79/08/15    | 70-1143          |
| 8003050312       | 8003050300         | 80/01/17    | 70-33            | 8003060109       | 8003060102         | 79/08/28    | 70-364           |
| 8003050316       | 8003050321         | 80/02/22    | 50-275 A         | 8003060112       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050320       | 8003050318         | 79/09/07    | 70-135           | 8003060114       | 8003060102         | 79/08/28    | 70-364           |
| 8003050321       | 8003050321         | 80/02/22    | 50-275 A         | 8003060116       | 8003060107         | 80/02/15    | 50-320 H         |
| 8003050333       | 8003050327         | 80/02/15    | 50-327 Q         | 8003060120       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050335       | 8003050321         | 80/02/22    | 50-275 A         | 8003060128       | 8003060115         | 80/02/15    | 50-289 Q         |
| 8003050337       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060139       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050344       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060143       | 8003060121         | 80/02/04    | PT9              |
| 8003050347       | 8003050321         | 80/02/22    | 50-275 A         | 8003060154       | 8003060106         | 80/01/25    | 40-1341          |
| 8003050349       | 8003050341         | 80/01/21    | 50-348 Q         | 8003060160       | 8003060149         | 80/02/19    | 50-387 U         |
| 8003050352       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060167       | 8003060162         | 80/02/13    | 50-369 Q         |
| 8003050354       | 8003050321         | 80/02/22    | 50-275 A         | 8003060170       | 8003060149         | 80/02/19    | 50-387 U         |
| 8003050359       | 8003050325         | 80/02/20    | 50-338 Q         | 8003060174       | 8003060162         | 80/02/13    | 50-369 Q         |
| 8003050360       | 8003050355         | 80/01/17    | 50-259 Q         | 8003060181       | 8003060175         | 80/01/22    | 50-410 S         |
| 8003050364       | 8003050321         | 80/02/22    | FOIA             | 8003060183       | 8003060174         | 80/02/19    | 50-482 C         |
| 8003050373       | 8003050370         | 80/02/28    | 50-249 S         | 8003060189       | 8003060175         | 80/01/22    | 50-410 S         |
| 8003050374       | 8003050372         | 80/02/28    | 50-348 P         | 8003060207       | 8003060199         | 80/02/04    | 50-355 S         |
| 8003050381       | 8003050377         | 80/02/22    | 50-185 R         | 8003060209       | 8003060197         | 80/02/19    | 50-387 U         |
| 8003050419       | 8003050417         | 80/02/06    | 50-254 R         | 8003060217       | 8003060187         | 80/02/11    | 50-491 Q         |
| 8003050423       | 8003050417         | 80/02/06    | 50-254 R         | 8003060218       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050430       | 8003050424         | 80/02/29    | 50-155 R         | 8003060221       | 8003060211         | 80/02/18    | 50-498 S         |
| 8003050434       | 8003050433         | 80/02/27    | 50-269 R         | 8003060225       | 8003060187         | 80/02/11    | 50-491 Q         |
| 8003050440       | 8003050436         | 80/03/05    | 50-424 S         | 8003060228       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050441       | 8003050437         | 80/02/29    | 50-390 S         | 8003060231       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050445       | 8003050442         | 80/02/26    | 50-269 F         | 8003060235       | 8003060208         | 80/02/20    | 50-62 Q          |
| 8003050453       | 8003050450         | 80/02/29    | 50-259 S         | 8003060242       | 8003060234         | 80/02/12    | 50-354 S         |
| 8003050454       | 8003050451         | 80/02/29    | 50-318 S         | 8003060244       | 8003060237         | 80/02/13    | 50-269 Q         |
| 8003050457       | 8003050449         | 80/02/29    | 50-348 R         | 8003060248       | 8003060237         | 80/02/13    | 50-269 Q         |
| 8003050459       | 8003050452         | 80/02/29    | 50-29 P          | 8003060255       | 8003060249         | 80/02/22    | 50-289 Q         |
| 8003050460       | 8003050456         | 80/02/29    | 50-285 S         | 8003060261       | 8003060237         | 80/02/26    | 50-253 P         |
| 8003050464       | 8003050458         | 80/02/28    | 50-305 S         | 8003060267       | 8003060246         | 80/02/16    | 50-315 Q         |
| 8003050466       | 8003050462         | 80/02/29    | 50-181 R         | 8003060274       | 8003060263         | 80/01/23    | WASTE MGT        |
| 8003050467       | 8003050458         | 80/02/28    | 50-305 S         | 8003060282       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050468       | 8003050463         | 80/02/28    | 50-142 P         | 8003060287       | 8003060271         | 80/02/14    | 50-289 H         |
| 8003050469       | 8003050465         | 80/02/27    | 50-331 S         | 8003060292       | 8003060280         | 80/01/02    | 50-311 Q         |
| 8003050476       | 8003050472         | 80/03/03    | 50-317 S         | 8003060294       | 8003060288         | 80/02/04    | 50-339 A         |
| 8003050477       | 8003050471         | 80/02/29    | 50-344 R         | 8003060308       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050480       | 8003050474         | 80/02/27    | 50-334 S         | 8003060313       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050482       | 8003050479         | 80/02/28    | 50-324 S         | 8003060320       | 8003060270         | 80/01/23    | 50-317 Q         |
| 8003050483       | 8003050481         | 80/02/29    | 50-285 R         | 8003060322       | 8003060312         | 80/02/16    | 50-331 Q         |
| 8003050486       | 8003050485         | 80/02/25    | 50-285 S         | 8003060336       | 8003060323         | 79/09/06    | 70-1143          |
| 8003050498       | 8003050490         | 80/02/29    | 50-286 R         | 8003060338       | 8003060329         | 79/12/28    | 50-423 Q         |
| 8003050496       | 8003050491         | 80/03/03    | 50-305 R         | 8003060356       | 8003060347         | 80/02/15    | 50-289 Q         |
| 8003050498       | 8003050497         | 80/02/22    | 50-219 R         | 8003060357       | 8003060350         | 80/02/22    | 50-331 Q         |
| 8003050506       | 8003050504         | 80/02/29    | 50-237 P         | 8003060363       | 8003060347         | 80/02/15    | 50-289 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003060367       | 8003060347         | 80/02/15    | 50-259 Q         | 8003060632       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060376       | 8003060347         | 80/02/15    | 50-259 Q         | 8003060663       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060383       | 8003060374         | 80/02/04    | 50-546 U         | 8003060671       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060386       | 8003060370         | 80/02/08    | FOIA             | 8003060675       | 8003060668         | 80/01/24    | 50-250 Q         |
| 8003060390       | 8003060379         | 79/11/09    | 70-1100          | 8003060680       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060391       | 8003060374         | 80/02/04    | 50-546 U         | 8003060686       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060396       | 8003060370         | 80/02/08    | FOIA             | 8003060690       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060404       | 8003060400         | 80/02/04    | 50-546 U         | 8003060691       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060406       | 8003060402         | 80/02/21    | 50-445 M         | 8003060692       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060411       | 8003060370         | 80/02/08    | FOIA             | 8003060693       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060414       | 8003060370         | 80/02/08    | FOIA             | 8003060695       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060415       | 8003060410         | 80/02/29    | TOPREP           | 8003060696       | 8003060689         | 80/02/13    | 50-244 P         |
| 8003060418       | 8003060409         | 80/02/07    | 50-352 U         | 8003060699       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060419       | 8003060370         | 80/02/08    | FOIA             | 8003060701       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060422       | 8003060416         | 80/01/10    | 50-267 Q         | 8003060702       | 8003060698         | 80/02/19    | CONTRACT         |
| 8003060425       | 8003060421         | 80/02/22    | 50-324 R         | 8003060708       | 8003060684         | 80/02/22    | 50-269 P         |
| 8003060428       | 8003060416         | 80/01/10    | 50-267 Q         | 8003060712       | 8003060637         | 80/02/21    | 50-265 S         |
| 8003060430       | 8003060370         | 80/02/08    | FOIA             | 8003060714       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060434       | 8003060370         | 80/02/08    | FOIA             | 8003060722       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060435       | 8003060426         | 80/02/21    | 50-352 U         | 8003060726       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060437       | 8003060420         | 80/02/08    | 50-322 Q         | 8003060727       | 8003060637         | 80/02/21    | 50-265 S         |
| 8003060438       | 8003060432         | 80/02/13    | 50-331 P         | 8003060728       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060442       | 8003060432         | 80/02/13    | 50-331 P         | 8003060730       | 8003060714         | 80/02/20    | 50-289 P         |
| 8003060443       | 8003060436         | 80/01/24    | 40-8188          | 8003060734       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060446       | 8003060440         | 80/01/26    | 50-289 Q         | 8003060735       | 8003060729         | 80/02/25    | 50-387 Q         |
| 8003060447       | 8003060436         | 80/01/24    | 40-8188          | 8003060739       | 8003060637         | 80/02/21    | 50-254 S         |
| 8003060450       | 8003060432         | 80/02/13    | 50-331 P         | 8003060742       | 8003060736         | 80/02/19    | XPORTRIC         |
| 8003060452       | 8003060436         | 80/01/24    | 40-8188          | 8003060744       | 8003060713         | 80/02/21    | 50-416 Q         |
| 8003060453       | 8003060441         | 80/02/14    | 50-352 U         | 8003060757       | 8003060791         | 80/02/13    | 50-131 Q         |
| 8003060459       | 8003060441         | 80/02/14    | 50-352 U         | 8003060763       | 8003060753         | 80/02/25    | 50-135 Q         |
| 8003060460       | 8003060451         | 80/02/06    | 50-508 Q         | 8003060769       | 8003060761         | 80/02/05    | 50-460 Q         |
| 8003060476       | 8003060462         | 80/02/22    | 50-320 Q         | 8003070007       | 8003070002         | 80/01/21    | 50-275 Q         |
| 8003060477       | 8003060467         | 80/02/21    | 50-389 Q         | 8003070014       | 8003070011         | 80/01/28    | 50-312 Q         |
| 8003060485       | 8003060479         | 80/02/29    | 50-255 R         | 8003070032       | 8003070030         | 80/02/22    | 50-247 H         |
| 8003060486       | 8003060480         | 80/01/04    | 50-518 Q         | 8003070043       | 8003070042         | 80/02/14    | 50-293 F         |
| 8003060490       | 8003060488         | 80/02/29    | 50-255 R         | 8003070050       | 8003070047         | 79/11/09    | 70-1143          |
| 8003060494       | 8003060492         | 80/02/25    | 50-289 Q         | 8003070061       | 8003070057         | 80/02/22    | 50-269 P         |
| 8003060497       | 8003060470         | 80/02/06    | 50-275 U         | 8003070066       | 8003070057         | 80/02/22    | 50-269 P         |
| 8003060499       | 8003060492         | 80/02/25    | 50-289 Q         | 8003070073       | 8003070057         | 80/02/22    | 50-269 P         |
| 8003060504       | 8003060496         | 80/01/09    | 50-317 Q         | 8003070089       | 8003070086         | 80/02/16    | 50-346 Q         |
| 8003060505       | 8003060501         | 80/02/01    | MISC             | 8003070096       | 8003070094         | 80/01/29    | 50-296 Q         |
| 8003060510       | 8003060508         | 80/02/13    | NUREG            | 8003070114       | 8003070110         | 79/10/03    | ACRB             |
| 8003060515       | 8003060514         | 80/02/06    | 50-568 U         | 8003070148       | 8003070145         | 79/08/15    | 70-1143          |
| 8003060520       | 8003060517         | 80/02/11    | 50-361 M         | 8003070167       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060524       | 8003060523         | 80/02/29    | 50-320 R         | 8003070172       | 8003070154         | 80/02/22    | 70-8             |
| 8003060526       | 8003060525         | 80/02/27    | 50-387 K         | 8003070173       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060527       | 8003060525         | 80/02/27    | 50-387 K         | 8003070175       | 8003070170         | 80/01/18    | 50-410 S         |
| 8003060530       | 8003060528         | 80/02/28    | 50-409 R         | 8003070179       | 8003070163         | 80/01/25    | 50-334 P         |
| 8003060532       | 8003060528         | 80/02/28    | 50-409 R         | 8003070221       | 8003070186         | 80/02/15    | 50-320 Q         |
| 8003060538       | 8003060535         | 80/02/27    | 50-255 R         | 8003070237       | 8003070233         | 80/03/04    | 50-331 P         |
| 8003060546       | 8003060544         | 80/03/03    | 50-263 P         | 8003070253       | 8003070251         | 80/03/03    | 50-255 F         |
| 8003060549       | 8003060547         | 80/02/27    | 50-266 R         | 8003070273       | 8003070271         | 80/02/15    | MISC             |
| 8003060551       | 8003060537         | 80/03/03    | 50-272 S         | 8003070275       | 8003070271         | 80/02/15    | MISC             |
| 8003060554       | 8003060553         | 80/02/29    | TOPREP           | 8003070277       | 8003070271         | 80/02/15    | MISC             |
| 8003060556       | 8003060550         | 80/03/03    | 50-271 S         | 8003070285       | 8003070283         | 80/02/07    | 50-272 Q         |
| 8003060560       | 8003060557         | 80/02/26    | 50-312 S         | 8003070288       | 8003070283         | 80/02/07    | 50-272 Q         |
| 8003060562       | 8003060559         | 80/02/29    | 50-305 S         | 8003070296       | 8003070291         | 79/11/26    | ACRB             |
| 8003060563       | 8003060561         | 80/02/19    | MISC             | 8003070298       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060566       | 8003060561         | 80/02/19    | MISC             | 8003070299       | 8003070297         | 80/02/14    | MISC             |
| 8003060567       | 8003060558         | 80/03/03    | 50-272 S         | 8003070301       | 8003070291         | 79/11/26    | ACRB             |
| 8003060572       | 8003060570         | 80/03/03    | 50-272 S         | 8003070302       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060575       | 8003060568         | 80/02/20    | COMMISSION       | 8003070303       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060581       | 8003060577         | 80/02/28    | 50-334 R         | 8003070305       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060582       | 8003060578         | 80/02/28    | 50-321 P         | 8003070307       | 8003070295         | 80/02/21    | 50-10 Q          |
| 8003060585       | 8003060580         | 80/03/03    | 50-338 S         | 8003070309       | 8003070306         | 80/02/27    | 70-1151          |
| 8003060587       | 8003060583         | 80/02/26    | 50-312 S         | 8003070314       | 8003070310         | 80/02/28    | 70-2842          |
| 8003060594       | 8003060591         | 80/02/29    | 50-213 S         | 8003070318       | 8003070315         | 80/02/29    | 50-331 R         |
| 8003060595       | 8003060588         | 80/03/03    | 50-280 S         | 8003070322       | 8003070319         | 80/02/25    | 50-255 Q         |
| 8003060602       | 8003060597         | 80/02/29    | 50-316 S         | 8003070326       | 8003070323         | 80/02/28    | 50-406 Q         |
| 8003060603       | 8003060596         | 80/03/03    | 50-272 S         | 8003070337       | 8003070334         | 80/03/01    | 50-309 S         |
| 8003060608       | 8003060605         | 80/02/29    | 50-219 S         | 8003070338       | 8003070331         | 80/03/03    | 50-336 S         |
| 8003060613       | 8003060609         | 80/02/26    | 50-244 P         | 8003070341       | 8003070340         | 80/02/29    | 50-312 Q         |
| 8003060614       | 8003060606         | 80/02/22    | 50-410 H         | 8003070348       | 8003070344         | 80/02/28    | 50-220 R         |
| 8003060616       | 8003060609         | 80/02/26    | 50-244 P         | 8003070350       | 8003070349         | 80/02/29    | 50-277 R         |
| 8003060623       | 8003060618         | 80/01/18    | 50-397 Q         | 8003070354       | 8003070352         | 80/03/03    | 50-302 S         |
| 8003060625       | 8003060609         | 80/02/26    | 50-244 P         | 8003070358       | 8003070355         | 80/03/03    | 50-260 B         |
| 8003060628       | 8003060630         | 80/02/07    | 50-123 Q         | 8003070359       | 8003070357         | 80/02/27    | 50-266 R         |
| 8003060643       | 8003060630         | 80/02/07    | 50-123 Q         | 8003070362       | 8003070360         | 80/02/29    | 50-287 S         |
| 8003060644       | 8003060637         | 80/02/21    | 50-254 S         | 8003070365       | 8003070364         | 80/02/21    | 50-333 R         |
| 8003060649       | 8003060647         | 79/07/12    | ACRB             | 8003070369       | 8003070367         | 80/03/01    | 50-293 R         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

451

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003070374       | 8003070372         | 80/03/03    | 50-260           | S | 8003110096       | 8003110095         | 80/01/15    | QA999            |   |
| 8003070378       | 8003070376         | 80/02/29    | 50-219           | S | 8003110098       | 8003110077         | 80/02/28    | 50-293           | S |
| 8003070379       | 8003070377         | 80/03/03    | 50-329           | S | 8003110101       | 8003110093         | 80/02/28    | 50-341           | F |
| 8003070391       | 8003070389         | 80/02/29    | 50-213           | R | 8003110103       | 8003110099         | 80/01/14    | QA999            |   |
| 8003070394       | 8003070392         | 80/02/28    | 50-366           | P | 8003110111       | 8003110106         | 80/02/01    | 70-135           |   |
| 8003070397       | 8003070395         | 80/03/03    | 50-329           | S | 8003110122       | 8003110108         | 80/02/28    | 50-320           | U |
| 8003100003       | 8003100002         | 80/02/26    | 50-320           | H | 8003110126       | 8003110114         | 80/02/19    | 10CFR            |   |
| 8003100006       | 8003100005         | 80/02/07    | 50-320           | H | 8003110136       | 8003110127         | 80/01/03    | 50-335           | Q |
| 8003100018       | 8003100010         | 80/02/14    | 50-320           | H | 8003110140       | 8003110132         | 80/02/22    | REG00            |   |
| 8003100034       | 8003100033         | 80/02/26    | 50-320           | H | 8003110156       | 8003110148         | 80/01/30    | 50-346           | Q |
| 8003100037       | 8003100030         | 80/02/20    | 50-275           | H | 8003110160       | 8003110144         | 80/02/21    | NURE0            |   |
| 8003100046       | 8003100041         | 80/02/06    | 50-437           | E | 8003110165       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100048       | 8003100044         | 80/02/14    | State Prog       |   | 8003110170       | 8003110163         | 80/01/29    | 50-364           | Q |
| 8003100054       | 8003100049         | 80/02/13    | 50-320           | Q | 8003110171       | 8003110162         | 80/01/03    | 70-2842          |   |
| 8003100058       | 8003100049         | 80/02/13    | 50-320           | Q | 8003110184       | 8003110178         | 79/12/31    | 50-348           | Q |
| 8003100064       | 8003100049         | 80/02/13    | 50-320           | Q | 8003110189       | 8003110135         | 80/02/22    | COMMISSION       |   |
| 8003100077       | 8003100068         | 80/02/25    | 50-289           | Q | 8003110194       | 8003110188         | 79/12/31    | 50-280           | Q |
| 8003100081       | 8003100068         | 80/02/25    | 50-289           | Q | 8003110204       | 8003110135         | 80/02/22    | COMMISSION       |   |
| 8003100086       | 8003100068         | 80/02/25    | 50-289           | Q | 8003110207       | 8003110197         | 79/12/31    | 50-338           | Q |
| 8003100103       | 8003100098         | 79/12/31    | ACRS             |   | 8003110208       | 8003110200         | 80/01/28    | 50-324           | Q |
| 8003100111       | 8003100097         | 80/02/15    | QA999            |   | 8003110214       | 8003110135         | 80/02/22    | 50-346           | U |
| 8003100113       | 8003100098         | 79/12/31    | ACRS             |   | 8003110216       | 8003110211         | 80/01/30    | 50-250           | Q |
| 8003100117       | 8003100097         | 80/02/15    | QA999            |   | 8003110222       | 8003110135         | 80/02/22    | COMMISSION       |   |
| 8003100124       | 8003100097         | 80/02/15    | QA999            |   | 8003110226       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100130       | 8003100127         | 80/02/06    | 70-1257          |   | 8003110227       | 8003110223         | 80/01/28    | 70-371           |   |
| 8003100134       | 8003100131         | 80/02/14    | 50-344           | P | 8003110229       | 8003110135         | 80/02/22    | COMMISSION       |   |
| 8003100143       | 8003100140         | 80/03/06    | 50-272           | K | 8003110232       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100147       | 8003100141         | 80/01/15    | QA999            |   | 8003110235       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100151       | 8003100146         | 80/01/17    | 50-309           | P | 8003110241       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100152       | 8003100148         | 80/02/21    | XPORTLIC         |   | 8003110242       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100153       | 8003100149         | 80/02/22    | 50-10            | R | 8003110243       | 8003110238         | 80/02/13    | NURE0            |   |
| 8003100158       | 8003100146         | 80/01/17    | 50-309           | P | 8003110247       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100164       | 8003100160         | 80/02/25    | 50-320           | H | 8003110248       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100174       | 8003100170         | 80/02/20    | 50-271           | F | 8003110252       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100179       | 8003100173         | 80/01/26    | 50-29            | P | 8003110253       | 8003110135         | 80/02/22    | COMMISSION       |   |
| 8003100181       | 8003100176         | 80/03/05    | 50-320           | P | 8003110255       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100185       | 8003100176         | 80/03/05    | 50-320           | P | 8003110258       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100190       | 8003100176         | 80/03/05    | 50-320           | P | 8003110259       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100191       | 8003100187         | 80/03/07    | 50-348           | K | 8003110267       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100192       | 8003100180         | 80/02/26    | 50-251           | P | 8003110268       | 8003110135         | 80/02/22    | 50-320           | U |
| 8003100194       | 8003100176         | 80/03/05    | 50-320           | P | 8003110275       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100195       | 8003100180         | 80/02/26    | 50-251           | P | 8003110279       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100200       | 8003100180         | 80/02/26    | 50-251           | P | 8003110286       | 8003110281         | 80/02/13    | 10CFR            |   |
| 8003100201       | 8003100197         | 80/02/27    | TDPREP           |   | 8003110288       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100203       | 8003100176         | 80/03/05    | 50-320           | P | 8003110293       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100205       | 8003100180         | 80/02/26    | 50-251           | P | 8003110302       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100206       | 8003100202         | 80/02/11    | XPORTLIC         |   | 8003110303       | 8003110296         | 80/02/13    | 50-320           | Q |
| 8003100208       | 8003100180         | 80/02/26    | 50-251           | P | 8003110313       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100211       | 8003100207         | 80/03/03    | 50-277           | P | 8003110314       | 8003110310         | 80/02/13    | 50-320           | Q |
| 8003100214       | 8003100180         | 80/02/26    | 50-251           | P | 8003110318       | 8003110221         | 80/02/07    | 10CFR            |   |
| 8003100215       | 8003100207         | 80/03/03    | 50-277           | P | 8003110347       | 8003110338         | 80/02/22    | 50-293           | P |
| 8003100219       | 8003100207         | 80/03/03    | 50-277           | P | 8003110357       | 8003110338         | 80/02/22    | 50-293           | P |
| 8003100221       | 8003100217         | 80/02/14    | QA999            |   | 8003110358       | 8003110349         | 80/02/29    | 50-369           | S |
| 8003100223       | 8003100217         | 80/02/14    | QA999            |   | 8003110363       | 8003110338         | 80/02/22    | 50-293           | P |
| 8003100224       | 8003100207         | 80/03/03    | 50-277           | P | 8003110380       | 8003110369         | 80/02/15    | XPORTLIC         |   |
| 8003100225       | 8003100217         | 80/02/14    | QA999            |   | 8003110399       | 8003110388         | 80/02/15    | XPORTLIC         |   |
| 8003100227       | 8003100207         | 80/03/03    | 50-277           | P | 8003110402       | 8003110397         | 80/02/15    | 50-344           | Q |
| 8003100228       | 8003100217         | 80/02/14    | QA999            |   | 8003110425       | 8003110423         | 80/02/13    | 10CFR            |   |
| 8003100242       | 8003100237         | 80/01/07    | QA999            |   | 8003110431       | 8003110428         | 80/01/29    | 50-395           | Q |
| 8003100256       | 8003100251         | 80/02/29    | 50-335           | R | 8003110434       | 8003110428         | 80/01/29    | 50-395           | Q |
| 8003110005       | 8003110003         | 80/03/03    | 50-219           | R | 8003110437       | 8003110432         | 80/03/07    | 50-265           | P |
| 8003110020       | 8003110016         | 80/02/29    | 50-219           | R | 8003110443       | 8003110438         | 80/02/15    | 50-331           | P |
| 8003110022       | 8003110013         | 80/03/04    | 50-333           | P | 8003110444       | 8003110438         | 80/02/19    | 50-331           | P |
| 8003110025       | 8003110017         | 80/02/22    | COMMISSION       |   | 8003110450       | 8003110438         | 80/02/19    | 50-331           | P |
| 8003110030       | 8003110013         | 80/03/04    | 50-333           | P | 8003110461       | 8003110458         | 80/03/03    | 50-213           | S |
| 8003110034       | 8003110013         | 80/03/04    | 50-333           | P | 8003110475       | 8003110473         | 80/03/07    | 50-295           | R |
| 8003110043       | 8003110028         | 80/01/11    | 40-3483          |   | 8003110480       | 8003110478         | 80/03/03    | 50-255           | R |
| 8003110044       | 8003110040         | 80/02/05    | 50-333           | S | 8003110481       | 8003110470         | 80/03/04    | 50-245           | F |
| 8003110055       | 8003110017         | 80/02/22    | COMMISSION       |   | 8003110505       | 8003110496         | 80/03/04    | 50-213           | F |
| 8003110056       | 8003110050         | 80/03/07    | 50-338           | S | 8003110511       | 8003110508         | 80/03/06    | 50-333           | R |
| 8003110063       | 8003110017         | 80/02/22    | COMMISSION       |   | 8003110515       | 8003110510         | 80/03/07    | 50-302           | F |
| 8003110064       | 8003110054         | 80/03/03    | 50-335           | S | 8003110527       | 8003110523         | 80/03/05    | 50-325           | S |
| 8003110068       | 8003110061         | 80/02/29    | 50-219           | S | 8003110528       | 8003110524         | 80/03/07    | 50-335           | P |
| 8003110069       | 8003110017         | 80/02/22    | COMMISSION       |   | 8003110536       | 8003110532         | 80/02/26    | 50-255           | P |
| 8003110070       | 8003110067         | 80/02/15    | 10CFR            |   | 8003110545       | 8003110539         | 80/03/04    | 50-219           | P |
| 8003110075       | 8003110017         | 80/02/22    | COMMISSION       |   | 8003110548       | 8003110539         | 80/03/04    | 50-219           | P |
| 8003110080       | 8003110072         | 80/02/18    | XPORTLIC         |   | 8003110551       | 8003110539         | 80/03/04    | 50-219           | P |
| 8003110085       | 8003110077         | 80/02/28    | 50-293           | S | 8003110554       | 8003110553         | 80/03/06    | 50-320           | S |
| 8003110087       | 8003110081         | 80/02/26    | 50-320           | U | 8003110556       | 8003110553         | 80/02/29    | 50-320           | S |
| 8003110090       | 8003110077         | 80/02/28    | 50-293           | S | 8003110558       | 8003110555         | 80/02/25    | 50-277           | R |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003110562       | 8003110559         | 80/03/06    | 50-346           | S | 8003120487       | 8003120485         | 80/02/29    | 50-289           | S |
| 8003110564       | 8003110561         | 80/02/29    | 50-413           | S | 8003120493       | 8003120490         | 80/03/06    | 50-390           | S |
| 8003110567       | 8003110566         | 80/03/06    | 50-346           | S | 8003120498       | 8003120495         | 80/03/07    | 50-518           | S |
| 8003110570       | 8003110568         | 80/02/29    | 50-272           | R | 8003120513       | 8003120509         | 80/03/05    | 50-334           | F |
| 8003110575       | 8003110572         | 80/02/26    | 50-320           | S | 8003120521       | 8003120514         | 80/03/05    | 50-270           | S |
| 8003110577       | 8003110574         | 80/02/27    | 50-348           | R | 8003120531       | 8003120527         | 80/03/06    | 50-331           | S |
| 8003110580       | 8003110578         | 80/02/29    | 50-344           | S | 8003120548       | 8003120537         | 80/03/05    | 50-324           | S |
| 8003110581       | 8003110579         | 80/03/06    | 50-306           | S | 8003120565       | 8003120561         | 80/03/03    | 50-320           | S |
| 8003110583       | 8003110582         | 80/03/07    | 50-244           | R | 8003120579       | 8003120571         | 80/03/06    | 50-390           | S |
| 8003110586       | 8003110584         | 80/03/03    | 50-344           | R | 8003120599       | 8003120594         | 80/02/28    | 50-416           | A |
| 8003110591       | 8003110589         | 80/02/29    | 50-312           | R | 8003120608       | 8003120603         | 80/03/07    | 50-413           | S |
| 8003110596       | 8003110595         | 80/03/03    | 50-327           | S | 8003120635       | 8003120632         | 80/02/15    | 50-129           | F |
| 8003110599       | 8003110597         | 80/03/04    | 50-327           | S | 8003120646       | 8003120642         | 80/02/14    | 50-320           | H |
| 8003110600       | 8003110598         | 80/03/06    | 50-368           | P | 8003120658       | 8003120652         | 80/02/26    | 50-312           | Q |
| 8003110601       | 8003110594         | 80/03/03    | 50-293           | P | 8003120663       | 8003120652         | 80/02/26    | 50-312           | Q |
| 8003110607       | 8003110603         | 80/03/03    | 50-285           | S | 8003120665       | 8003120652         | 80/02/26    | 50-312           | Q |
| 8003110609       | 8003110608         | 80/03/05    | 50-278           | P | 8003120672       | 8003120652         | 80/02/26    | 50-312           | Q |
| 8003110612       | 8003110610         | 80/02/27    | 50-361           | A | 8003120691       | 8003120686         | 80/02/28    | 50-320           | H |
| 8003110616       | 8003110613         | 80/02/28    | 50-312           | S | 8003120717       | 8003120712         | 80/01/29    | 50-382           | Q |
| 8003110618       | 8003110615         | 80/02/28    | 50-321           | R | 8003120729       | 8003120723         | 80/01/29    | 50-458           | Q |
| 8003110628       | 8003110626         | 80/03/06    | 50-346           | S | 8003120740       | 8003120735         | 80/01/29    | 50-250           | Q |
| 8003110629       | 8003110620         | 80/03/05    | 50-267           | F | 8003120756       | 8003120750         | 80/02/15    | XPORTELIC        |   |
| 8003110631       | 8003110627         | 80/02/28    | 50-312           | S | 8003120766       | 8003120765         | 80/02/04    | 50-320           | H |
| 8003110632       | 8003110630         | 80/03/04    | 50-334           | S | 8003120768       | 8003120764         | 80/01/31    | 50-255           | P |
| 8003110634       | 8003110630         | 80/03/04    | 50-334           | S | 8003120783       | 8003120779         | 80/02/21    | 50-220           | Q |
| 8003110636       | 8003110630         | 80/03/04    | 50-334           | S | 8003120791       | 8003120787         | 80/02/21    | 50-271           | Q |
| 8003110637       | 8003110635         | 80/03/06    | 50-346           | S | 8003120798       | 8003120794         | 80/02/21    | 50-155           | Q |
| 8003110639       | 8003110630         | 80/03/04    | 50-334           | S | 8003130010       | 8003130005         | 80/02/04    | 50-320           | H |
| 8003110641       | 8003110630         | 80/03/04    | 50-334           | S | 8003130028       | 8003130021         | 80/02/04    | 50-320           | H |
| 8003110642       | 8003110640         | 80/03/06    | 50-333           | S | 8003130045       | 8003130038         | 80/02/04    | 50-320           | H |
| 8003110643       | 8003110630         | 80/03/04    | 50-334           | S | 8003130048       | 8003130041         | 80/02/14    | 50-275           | H |
| 8003110646       | 8003110645         | 80/03/07    | 50-333           | S | 8003130053       | 8003130041         | 80/02/14    | 50-275           | H |
| 8003110647       | 8003110630         | 80/03/04    | 50-334           | S | 8003130063       | 8003130041         | 80/02/14    | 50-275           | H |
| 8003110650       | 8003110648         | 80/03/03    | 50-344           | R | 8003130065       | 8003130054         | 80/02/04    | 50-320           | H |
| 8003110654       | 8003110653         | 80/03/04    | 50-409           | R | 8003130082       | 8003130073         | 80/02/21    | 50-546           | Q |
| 8003110658       | 8003110655         | 80/03/06    | 50-298           | R | 8003130085       | 8003130080         | 80/01/23    | 50-334           | Q |
| 8003110665       | 8003110661         | 80/02/27    | 50-328           | Q | 8003130087       | 8003130073         | 80/02/21    | 50-546           | Q |
| 8003110666       | 8003110663         | 80/03/04    | 50-302           | S | 8003130092       | 8003130090         | 80/02/27    | 0A999            |   |
| 8003110671       | 8003110668         | 80/03/04    | 50-324           | S | 8003130095       | 8003130090         | 80/02/27    | 0A999            |   |
| 8003110672       | 8003110670         | 80/03/03    | 50-237           | S | 8003130097       | 8003130090         | 80/02/27    | 0A999            |   |
| 8003110673       | 8003110669         | 80/03/04    | 50-321           | S | 8003130098       | 8003130093         | 80/02/22    | 50-344           | P |
| 8003110677       | 8003110674         | 80/03/04    | 50-316           | S | 8003130099       | 8003130090         | 80/02/27    | 0A999            |   |
| 8003110679       | 8003110675         | 80/02/28    | 50-320           | S | 8003130103       | 8003130093         | 80/02/22    | 50-344           | P |
| 8003110682       | 8003110680         | 80/03/06    | 50-305           | S | 8003130111       | 8003130093         | 80/02/22    | 50-344           | P |
| 8003110683       | 8003110678         | 80/03/03    | 50-296           | S | 8003130120       | 8003130117         | 80/02/07    | 50-320           | P |
| 8003110685       | 8003110684         | 80/03/06    | 50-346           | S | 8003130122       | 8003130118         | 80/01/22    | 50-556           | Q |
| 8003110719       | 8003110621         | 80/03/06    | 50-260           | S | 8003130125       | 8003130117         | 80/02/07    | 50-320           | P |
| 8003120135       | 8003120127         | 80/02/15    | 10CFR            |   | 8003130127       | 8003130118         | 80/01/22    | 50-556           | Q |
| 8003120144       | 8003120139         | 80/02/20    | 50-295           | F | 8003130129       | 8003130119         | 80/02/20    | 50-155           | Q |
| 8003120156       | 8003120151         | 80/02/13    | 70-143           |   | 8003130135       | 8003130128         | 80/02/15    | 50-320           | P |
| 8003120163       | 8003120151         | 80/02/13    | 70-143           |   | 8003130140       | 8003130131         | 80/01/30    | 50-263           | Q |
| 8003120170       | 8003120151         | 80/02/13    | 70-143           |   | 8003130147       | 8003130131         | 80/01/30    | 50-263           | Q |
| 8003120178       | 8003120151         | 80/02/13    | 70-143           |   | 8003130160       | 8003130133         | 79/08/30    | 50-201           | R |
| 8003120209       | 8003120200         | 80/01/30    | 50-269           | Q | 8003130161       | 8003130154         | 80/01/28    | 50-247           | P |
| 8003120214       | 8003120200         | 80/01/30    | 50-269           | Q | 8003130163       | 8003130155         | 80/01/30    | 50-373           | Q |
| 8003120217       | 8003120200         | 80/01/30    | 50-269           | Q | 8003130169       | 8003130154         | 80/01/28    | 50-247           | P |
| 8003120221       | 8003120200         | 80/01/30    | 50-269           | Q | 8003130174       | 8003130154         | 80/01/28    | 50-247           | P |
| 8003120222       | 8003120216         | 80/02/20    | 10CFR            |   | 8003130179       | 8003130175         | 80/01/25    | 71-9132          |   |
| 8003120226       | 8003120200         | 80/01/30    | 50-269           | Q | 8003130188       | 8003130185         | 80/02/26    | 50-324           | Q |
| 8003120235       | 8003120229         | 80/02/22    | 10CFR            |   | 8003130194       | 8003130185         | 80/02/26    | 50-324           | Q |
| 8003120246       | 8003120239         | 80/01/04    | 50-327           | Q | 8003130198       | 8003130192         | 80/01/15    | 71-5984          |   |
| 8003120249       | 8003120241         | 80/02/22    | 10CFR            |   | 8003130214       | 8003130208         | 80/02/25    | 50-269           | Q |
| 8003120257       | 8003120252         | 80/01/30    | 50-461           | Q | 8003130218       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120291       | 8003120285         | 80/01/16    | 0A999            |   | 8003130231       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120303       | 8003120298         | 80/02/14    | 50-293           | P | 8003130234       | 8003130225         | 80/02/08    | 50-295           | P |
| 8003120329       | 8003120322         | 80/03/06    | 50-409           | P | 8003130237       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120376       | 8003120366         | 80/03/04    | 50-148           | P | 8003130242       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120380       | 8003120369         | 80/02/15    | 50-556           | Q | 8003130247       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120383       | 8003120366         | 80/03/04    | 50-148           | P | 8003130250       | 8003130241         | 80/02/14    | State Prog       |   |
| 8003120391       | 8003120366         | 80/03/04    | 50-148           | P | 8003130252       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120408       | 8003120366         | 80/03/04    | 50-148           | P | 8003130254       | 8003130249         | 80/02/06    | 50-309           | P |
| 8003120413       | 8003120405         | 80/03/04    | 50-265           | S | 8003130256       | 8003130241         | 80/02/14    | State Prog       |   |
| 8003120420       | 8003120415         | 80/03/05    | 50-259           | S | 8003130258       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120433       | 8003120425         | 80/03/06    | 50-287           | S | 8003130267       | 8003130262         | 80/02/06    | 50-282           | Q |
| 8003120438       | 8003120435         | 80/03/06    | 50-528           | S | 8003130278       | 8003130273         | 80/02/15    | 50-320           | H |
| 8003120446       | 8003120442         | 80/02/26    | 50-267           | R | 8003130279       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120450       | 8003120442         | 80/02/26    | 50-267           | R | 8003130280       | 8003130274         | 80/02/04    | 50-250           | P |
| 8003120465       | 8003120461         | 80/01/30    | 50-438           | A | 8003130284       | 8003130216         | 80/02/07    | 50-344           | Q |
| 8003120466       | 8003120463         | 80/03/04    | 50-309           | P | 8003130287       | 8003130274         | 80/02/04    | 50-250           | P |
| 8003120469       | 8003120461         | 80/01/30    | 50-438           | A | 8003130289       | 8003130285         | 80/02/14    | PRQJ             |   |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

453

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003130291       | 8003130216         | 80/02/07    | 50-344 Q         | 8003130592       | 8003130577         | 80/03/03    | 50-255 P         |
| 8003130297       | 8003130216         | 80/02/07    | 50-344 Q         | 8003130599       | 8003130577         | 80/03/03    | 50-255 P         |
| 8003130298       | 8003130286         | 80/02/14    | PROJ             | 8003130600       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130305       | 8003130297         | 80/02/26    | 40-6264          | 8003130605       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130308       | 8003130216         | 80/02/07    | 50-344 Q         | 8003130608       | 8003130606         | 80/02/28    | 50-320 Q         |
| 8003130310       | 8003130304         | 80/02/25    | 50-259 P         | 8003130611       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130311       | 8003130297         | 80/02/26    | 40-6264          | 8003130617       | 8003130614         | 80/02/28    | 50-320 Q         |
| 8003130314       | 8003130297         | 80/02/26    | 40-6264          | 8003130618       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130317       | 8003130304         | 80/02/25    | 50-259 P         | 8003130622       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130319       | 8003130297         | 80/02/26    | 40-6264          | 8003130628       | 8003130625         | 80/02/12    | XPORTLIC         |
| 8003130324       | 8003130297         | 80/02/26    | 40-6264          | 8003130630       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130326       | 8003130304         | 80/02/25    | 50-259 P         | 8003130633       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130330       | 8003130304         | 80/02/25    | 50-259 P         | 8003130636       | 8003130597         | 80/02/14    | 50-556 H         |
| 8003130331       | 8003130297         | 80/02/26    | 40-6264          | 8003130647       | 8003130644         | 80/02/28    | 50-320 H         |
| 8003130336       | 8003130297         | 80/02/26    | 40-6264          | 8003130653       | 8003130651         | 80/02/28    | 50-320 H         |
| 8003130340       | 8003130297         | 80/02/26    | 40-6264          | 8003130655       | 8003130652         | 80/02/11    | WASTE MOT        |
| 8003130343       | 8003130297         | 80/02/26    | 40-6264          | 8003130658       | 8003130652         | 80/02/11    | WASTE MOT        |
| 8003130344       | 8003130338         | 80/02/08    | QA999            | 8003130664       | 8003130656         | 80/02/28    | 50-320 Q         |
| 8003130347       | 8003130297         | 80/02/26    | 40-6264          | 8003130666       | 8003130666         | 80/02/25    | 50-320 H         |
| 8003130350       | 8003130338         | 80/02/08    | QA999            | 8003130674       | 8003130671         | 80/02/28    | 50-320 H         |
| 8003130351       | 8003130347         | 80/02/22    | QA999            | 8003130677       | 8003130676         | 80/02/25    | 50-320 Q         |
| 8003130354       | 8003130297         | 80/02/26    | 40-6264          | 8003130678       | 8003130673         | 80/02/26    | 50-265 Q         |
| 8003130356       | 8003130338         | 80/02/08    | QA999            | 8003130686       | 8003130682         | 80/02/25    | 50-498 Q         |
| 8003130357       | 8003130320         | 80/02/21    | 50-247 P         | 8003130692       | 8003130682         | 80/02/25    | 50-498 Q         |
| 8003130358       | 8003130347         | 80/02/22    | QA999            | 8003130693       | 8003130682         | 80/02/25    | 50-498 Q         |
| 8003130360       | 8003130297         | 80/02/26    | 40-6264          | 8003140002       | 8003140001         | 80/01/08    | 70-1193          |
| 8003130361       | 8003130347         | 80/02/22    | QA999            | 8003140010       | 8003140007         | 80/02/15    | TOPREF           |
| 8003130362       | 8003130297         | 80/02/26    | 40-6264          | 8003140015       | 8003140007         | 80/02/15    | TOPREF           |
| 8003130364       | 8003130320         | 80/02/21    | 50-247 P         | 8003140016       | 8003140009         | 80/01/25    | 50-328 Q         |
| 8003130366       | 8003130338         | 80/02/08    | QA999            | 8003140023       | 8003140019         | 79/09/05    | 50-390 A         |
| 8003130367       | 8003130297         | 80/02/26    | 40-6264          | 8003140029       | 8003140025         | 80/02/28    | 50-320 Q         |
| 8003130368       | 8003130347         | 80/02/22    | QA999            | 8003140037       | 8003140025         | 80/02/28    | 50-320 Q         |
| 8003130371       | 8003130297         | 80/02/26    | 40-6264          | 8003140051       | 8003140043         | 80/02/28    | 50-320 H         |
| 8003130379       | 8003130297         | 80/02/26    | 40-6264          | 8003140059       | 8003140043         | 80/02/28    | 50-320 H         |
| 8003130380       | 8003130370         | 80/03/10    | 50-302 S         | 8003140060       | 8003140053         | 80/01/16    | 70-135           |
| 8003130385       | 8003130297         | 80/02/26    | 40-6264          | 8003140070       | 8003140042         | 80/02/18    | 50-77 Q          |
| 8003130386       | 8003130378         | 80/01/27    | 10CFR            | 8003140076       | 8003140042         | 80/02/18    | 50-77 Q          |
| 8003130387       | 8003130383         | 80/03/07    | 50-344 B         | 8003140079       | 8003140042         | 80/02/18    | 50-77 Q          |
| 8003130389       | 8003130297         | 80/02/26    | 40-6264          | 8003140081       | 8003140074         | 80/02/14    | CONMISSION       |
| 8003130394       | 8003130297         | 80/02/26    | 40-6264          | 8003140082       | 8003140064         | 80/02/27    | 50-272 A         |
| 8003130399       | 8003130392         | 80/02/15    | 50-245 P         | 8003140088       | 8003140075         | 80/02/15    | 50-320 H         |
| 8003130402       | 8003130399         | 80/03/03    | 50-3 Q           | 8003140092       | 8003140042         | 80/02/18    | 50-77 Q          |
| 8003130413       | 8003130408         | 80/01/07    | 50-445 Q         | 8003140093       | 8003140089         | 80/02/13    | 50-331 Q         |
| 8003130415       | 8003130401         | 80/02/27    | 50-434 S         | 8003140096       | 8003140089         | 80/02/13    | 50-331 Q         |
| 8003130424       | 8003130422         | 80/03/03    | 50-315 R         | 8003140106       | 8003140094         | 80/02/15    | 50-320 P         |
| 8003130448       | 8003130297         | 80/02/26    | 40-6264          | 8003140109       | 8003140099         | 80/02/22    | 40-8728          |
| 8003130449       | 8003130433         | 80/03/06    | 50-286 P         | 8003140117       | 8003140099         | 80/02/22    | 40-8728          |
| 8003130451       | 8003130297         | 80/02/26    | 40-6264          | 8003140120       | 8003140114         | 80/01/18    | QA999            |
| 8003130454       | 8003130297         | 80/02/26    | 40-6264          | 8003140126       | 8003140116         | 80/02/15    | 50-320 Q         |
| 8003130455       | 8003130297         | 80/02/26    | 40-6264          | 8003140138       | 8003140138         | 80/01/21    | 50-219 P         |
| 8003130460       | 8003130297         | 80/02/26    | 40-6264          | 8003140139       | 8003140137         | 80/02/14    | 50-556 Q         |
| 8003130463       | 8003130297         | 80/02/26    | 40-6264          | 8003140147       | 8003140146         | 80/02/21    | HISC             |
| 8003130466       | 8003130297         | 80/02/26    | 40-6264          | 8003140152       | 8003140145         | 80/02/22    | PR               |
| 8003130467       | 8003130461         | 80/03/07    | 50-346 R         | 8003140158       | 8003140150         | 80/02/21    | 50-272 P         |
| 8003130470       | 8003130297         | 80/02/26    | 40-6264          | 8003140163       | 8003140154         | 80/01/24    | 50-348 Q         |
| 8003130473       | 8003130469         | 80/03/07    | 50-261 R         | 8003140164       | 8003140150         | 80/02/21    | 50-272 P         |
| 8003130474       | 8003130297         | 80/02/26    | 40-6264          | 8003140169       | 8003140157         | 80/02/26    | 50-528 Q         |
| 8003130475       | 8003130297         | 80/02/26    | 40-6264          | 8003140170       | 8003140150         | 80/02/21    | 50-272 P         |
| 8003130477       | 8003130297         | 80/02/26    | 40-6264          | 8003140172       | 8003140157         | 80/01/18    | 50-358 Q         |
| 8003130480       | 8003130297         | 80/02/26    | 40-6264          | 8003140173       | 8003140157         | 80/02/26    | 50-528 Q         |
| 8003130483       | 8003130297         | 80/02/26    | 40-6264          | 8003140174       | 8003140150         | 80/02/21    | 50-272 P         |
| 8003130486       | 8003130297         | 80/02/26    | 40-6264          | 8003140176       | 8003140157         | 80/02/26    | 50-528 Q         |
| 8003130491       | 8003130297         | 80/02/26    | 40-6264          | 8003140179       | 8003140157         | 80/02/26    | 50-528 Q         |
| 8003130493       | 8003130487         | 80/03/10    | 50-302 S         | 8003140181       | 8003140167         | 80/01/18    | 50-358 Q         |
| 8003130494       | 8003130297         | 80/02/26    | 40-6264          | 8003140200       | 8003140189         | 80/02/22    | QA999            |
| 8003130497       | 8003130297         | 80/02/26    | 40-6264          | 8003140201       | 8003140198         | 80/03/17    | 50-495 B         |
| 8003130499       | 8003130476         | 80/02/27    | 50-29 R          | 8003140204       | 8003140189         | 80/02/22    | QA999            |
| 8003130500       | 8003130297         | 80/02/26    | 40-6264          | 8003140210       | 8003140189         | 80/02/22    | QA999            |
| 8003130504       | 8003130297         | 80/02/26    | 40-6264          | 8003140211       | 8003140207         | 80/01/31    | 50-219 F         |
| 8003130509       | 8003130297         | 80/02/26    | 40-6264          | 8003140212       | 8003140205         | 80/01/31    | NUREG            |
| 8003130512       | 8003130297         | 80/02/26    | 40-6264          | 8003140219       | 8003140216         | 80/02/26    | 50-483 H         |
| 8003130534       | 8003130518         | 80/02/27    | 50-320 P         | 8003140227       | 8003140189         | 80/02/22    | QA999            |
| 8003130555       | 8003130553         | 80/03/12    | 50-244 P         | 8003140236       | 8003140230         | 80/03/11    | 50-338 P         |
| 8003130557       | 8003130553         | 80/03/12    | 50-244 P         | 8003140239       | 8003140233         | 80/03/12    | 50-70 P          |
| 8003130563       | 8003130561         | 80/03/03    | 50-235 R         | 8003140242       | 8003140240         | 80/03/10    | 50-255 P         |
| 8003130581       | 8003130577         | 80/03/03    | 50-235 P         | 8003140257       | 8003140245         | 80/02/11    | 50-508 S         |
| 8003130585       | 8003130577         | 80/03/03    | 50-235 P         | 8003140262       | 8003140245         | 80/02/11    | 50-508 S         |
| 8003130587       | 8003130577         | 80/03/03    | 50-235 P         | 8003140264       | 8003140259         | 80/02/21    | 50-522 Q         |
| 8003130590       | 8003130577         | 80/03/03    | 50-235 P         | 8003140265       | 8003140261         | 80/02/14    | 50-339 H         |
| 8003130591       | 8003130583         | 80/01/28    | 50-324 Q         | 8003140269       | 8003140251         | 80/03/04    | 50-254 F         |



# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003140273       | 8003140267         | 80/01/28    | 50-498 S         | 8003170340       | 8003170336         | 80/03/13    | 50-553 B         |
| 8003140291       | 8003140288         | 80/02/25    | 50-289 Q         | 8003170344       | 8003170338         | 80/03/11    | 50-213 P         |
| 8003140295       | 8003140288         | 80/02/25    | 50-289 Q         | 8003170353       | 8003170347         | 80/03/14    | 50-280 S         |
| 8003140297       | 8003140288         | 80/02/25    | 50-289 Q         | 8003170357       | 8003170347         | 80/03/14    | 50-280 S         |
| 8003140302       | 8003140288         | 80/02/25    | 50-289 Q         | 8003170358       | 8003170338         | 80/03/11    | 50-213 P         |
| 8003140311       | 8003140308         | 80/03/06    | 50-321 S         | 8003170363       | 8003170347         | 80/03/14    | 50-280 S         |
| 8003140322       | 8003140320         | 80/02/01    | 71-9141          | 8003170367       | 8003170362         | 80/03/07    | 50-271 R         |
| 8003140330       | 8003140286         | 80/03/07    | 50-346 S         | 8003170371       | 8003170197         | 79/12/20    | 50-320 P         |
| 8003140334       | 8003140328         | 80/02/29    | 40-8713          | 8003170375       | 8003170369         | 80/03/14    | 50-338 S         |
| 8003140337       | 8003140324         | 80/03/05    | 50-346 Q         | 8003170385       | 8003170380         | 80/02/26    | 50-304 S         |
| 8003140338       | 8003140328         | 80/02/29    | 40-8713          | 8003170386       | 8003170382         | 80/03/07    | 50-312 R         |
| 8003140342       | 8003140328         | 80/02/29    | 40-8713          | 8003170397       | 8003170389         | 80/02/26    | 50-254 S         |
| 8003140351       | 8003140347         | 80/02/28    | 50-327 T         | 8003170398       | 8003170393         | 80/03/10    | 50-287 P         |
| 8003140355       | 8003140328         | 80/02/29    | 40-8713          | 8003170399       | 8003170395         | 80/03/13    | 50-282 R         |
| 8003140357       | 8003140328         | 80/02/29    | 40-8713          | 8003170411       | 8003170407         | 80/03/10    | 50-220 R         |
| 8003140360       | 8003140328         | 80/02/29    | 40-8713          | 8003170415       | 8003170402         | 80/03/10    | 50-244 R         |
| 8003140368       | 8003140365         | 80/01/31    | 50-518 Q         | 8003170418       | 8003170404         | 80/03/06    | 50-133 R         |
| 8003140375       | 8003140372         | 80/03/11    | 50-395 R         | 8003170421       | 8003170416         | 80/02/28    | 50-301 S         |
| 8003140392       | 8003140386         | 80/03/11    | 50-302 P         | 8003170425       | 8003170423         | 80/03/12    | 50-29 R          |
| 8003140393       | 8003140388         | 80/03/10    | 50-338 S         | 8003170428       | 8003170419         | 80/03/12    | 50-309 R         |
| 8003140403       | 8003140399         | 80/03/04    | FOIA             | 8003170430       | 8003170426         | 80/03/10    | 50-267 S         |
| 8003140415       | 8003140412         | 80/02/27    | 50-574 Q         | 8003170435       | 8003170431         | 80/03/07    | 50-324 R         |
| 8003140418       | 8003140412         | 80/02/27    | 50-574 Q         | 8003170438       | 8003170434         | 80/03/03    | 50-335 S         |
| 8003140423       | 8003140419         | 80/02/29    | 50-387 P         | 8003170448       | 8003170442         | 80/02/29    | 50-335 S         |
| 8003140432       | 8003140419         | 80/02/29    | 50-387 P         | 8003170455       | 8003170450         | 80/03/10    | 50-412 S         |
| 8003140450       | 8003140448         | 80/02/19    | WASTE MGT        | 8003170457       | 8003170452         | 80/02/25    | 50-265 S         |
| 8003140457       | 8003140454         | 80/02/11    | 50-275 A         | 8003170459       | 8003170456         | 80/03/07    | 50-317 S         |
| 8003140459       | 8003140454         | 80/02/11    | 50-275 A         | 8003170463       | 8003170460         | 80/03/11    | 50-259 S         |
| 8003140460       | 8003140458         | 80/02/19    | CONTRACT         | 8003170467       | 8003170462         | 80/03/07    | 50-335 S         |
| 8003140464       | 8003140461         | 80/02/04    | 71-107           | 8003170471       | 8003170470         | 80/03/03    | 50-280 S         |
| 8003140466       | 8003140463         | 80/01/18    | 40-8728          | 8003170475       | 8003170473         | 80/03/07    | 50-335 S         |
| 8003170005       | 8003170002         | 80/02/29    | 50-327 P         | 8003170482       | 8003170479         | 80/03/10    | 50-390 S         |
| 8003170006       | 8003170002         | 80/02/29    | 50-327 P         | 8003170483       | 8003170480         | 80/03/11    | 50-259 S         |
| 8003170009       | 8003170002         | 80/02/29    | 50-327 P         | 8003170489       | 8003170485         | 80/03/03    | 50-309 R         |
| 8003170010       | 8003170008         | 80/02/19    | 10CFR            | 8003170492       | 8003170486         | 80/02/13    | 50-298 S         |
| 8003170012       | 8003170002         | 80/02/29    | 50-327 P         | 8003170493       | 8003170487         | 80/03/04    | 50-289 S         |
| 8003170017       | 8003170015         | 80/02/14    | 10CFR            | 8003170494       | 8003170490         | 80/03/11    | 50-333 S         |
| 8003170018       | 8003170014         | 80/02/19    | State Prog       | 8003170495       | 8003170491         | 80/03/11    | 50-331 S         |
| 8003170019       | 8003170016         | 80/02/28    | 50-320 H         | 8003180040       | 8003180031         | 80/02/04    | 50-335 F         |
| 8003170024       | 8003170022         | 80/02/15    | 10CFR            | 8003180068       | 8003180064         | 80/01/11    | 50-445 Q         |
| 8003170029       | 8003170025         | 80/02/28    | 50-320 Q         | 8003180073       | 8003180064         | 80/01/11    | 50-445 Q         |
| 8003170036       | 8003170033         | 80/02/01    | 50-206 P         | 8003180132       | 8003180129         | 80/02/28    | REOPD            |
| 8003170038       | 8003170034         | 80/02/28    | 50-320 H         | 8003180159       | 8003180157         | 80/02/26    | 50-556 Q         |
| 8003170043       | 8003170032         | 80/01/17    | 50-201 Q         | 8003180165       | 8003180157         | 80/02/26    | 50-556 Q         |
| 8003170048       | 8003170033         | 80/02/01    | 50-206 P         | 8003180168       | 8003180157         | 80/02/26    | 50-556 Q         |
| 8003170053       | 8003170033         | 80/02/01    | 50-206 P         | 8003180183       | 8003180176         | 80/03/10    | 50-285 P         |
| 8003170055       | 8003170050         | 80/02/19    | 50-262 Q         | 8003180204       | 8003180201         | 80/02/08    | 50-320 H         |
| 8003170056       | 8003170051         | 80/02/28    | 50-320 H         | 8003180207       | 8003180197         | 80/03/12    | 50-270 P         |
| 8003170059       | 8003170057         | 80/02/22    | 50-250 P         | 8003180210       | 8003180197         | 80/03/12    | 50-270 P         |
| 8003170065       | 8003170062         | 80/02/26    | 50-320 H         | 8003180213       | 8003180208         | 80/02/08    | 50-320 H         |
| 8003170067       | 8003170060         | 80/02/28    | 50-320 H         | 8003180228       | 8003180217         | 80/01/15    | TOPREP           |
| 8003170073       | 8003170072         | 80/02/25    | 50-313 F         | 8003180327       | 8003180323         | 80/03/13    | TOPREP           |
| 8003170084       | 8003170081         | 80/02/13    | 10CFR            | 8003180333       | 8003180331         | 80/03/11    | 50-537 A         |
| 8003170095       | 8003170093         | 80/02/01    | 50-433 Q         | 8003180363       | 8003180352         | 80/03/13    | 50-259 P         |
| 8003170098       | 8003170089         | 80/02/28    | 50-320 H         | 8003180359       | 8003180358         | 80/03/12    | 50-295 P         |
| 8003170108       | 8003170104         | 80/02/28    | 50-320 H         | 8003180364       | 8003180361         | 80/03/04    | 50-346 P         |
| 8003170113       | 8003170110         | 80/02/26    | 50-320 P         | 8003180367       | 8003180366         | 80/03/11    | 50-336 R         |
| 8003170115       | 8003170112         | 80/02/20    | 50-219 Q         | 8003180371       | 8003180368         | 80/03/04    | 50-409 Q         |
| 8003170131       | 8003170128         | 80/02/06    | 50-320 Q         | 8003180373       | 8003180369         | 80/03/14    | 50-331 R         |
| 8003170160       | 8003170158         | 80/03/10    | TOPREP           | 8003180377       | 8003180372         | 80/03/13    | 50-518 S         |
| 8003170167       | 8003170165         | 80/03/11    | 50-155 F         | 8003180379       | 8003180376         | 80/03/10    | 50-247 S         |
| 8003170212       | 8003170209         | 80/02/21    | 50-245 Q         | 8003180380       | 8003180378         | 80/03/10    | 50-259 R         |
| 8003170237       | 8003170216         | 80/02/22    | 50-271 P         | 8003180384       | 8003180382         | 80/03/06    | 50-313 S         |
| 8003170244       | 8003170216         | 80/02/22    | 50-271 P         | 8003180388       | 8003180386         | 80/03/07    | 50-206 R         |
| 8003170245       | 8003170216         | 80/02/22    | 50-271 P         | 8003180395       | 8003180391         | 80/03/10    | 50-325 S         |
| 8003170260       | 8003170257         | 80/03/05    | 50-213 R         | 8003180401       | 8003180398         | 80/03/14    | 50-286 R         |
| 8003170264       | 8003170261         | 80/03/10    | 50-272 P         | 8003180407       | 8003180407         | 80/03/13    | 50-277 R         |
| 8003170265       | 8003170263         | 80/03/12    | 50-271 R         | 8003180413       | 8003180403         | 80/03/12    | 50-325 S         |
| 8003170269       | 8003170267         | 80/03/10    | 50-263 R         | 8003180415       | 8003180344         | 80/03/03    | 50-250 R         |
| 8003170274       | 8003170270         | 80/03/11    | 50-267 R         | 8003180418       | 8003180412         | 80/03/12    | 50-324 S         |
| 8003170279       | 8003170275         | 80/03/12    | 50-334 R         | 8003180422       | 8003180344         | 80/03/03    | 50-250 R         |
| 8003170288       | 8003170284         | 80/02/28    | 50-304 S         | 8003180424       | 8003180420         | 80/03/10    | 50-438 A         |
| 8003170297       | 8003170290         | 80/03/10    | 50-247 S         | 8003180433       | 8003180427         | 80/03/07    | 50-348 R         |
| 8003170303       | 8003170299         | 80/03/03    | 50-304 S         | 8003180438       | 8003180427         | 80/03/07    | 50-348 R         |
| 8003170305       | 8003170241         | 80/03/01    | CONTRACT         | 8003180459       | 8003180454         | 80/03/13    | 50-280 R         |
| 8003170308       | 8003170306         | 80/03/10    | 50-344 S         | 8003180476       | 8003180470         | 80/03/13    | 50-3 R           |
| 8003170314       | 8003170233         | 80/03/03    | CONTRACT         | 8003180478       | 8003180475         | 80/03/13    | 50-368 R         |
| 8003170326       | 8003170319         | 80/03/10    | 50-390 S         | 8003180482       | 8003180469         | 80/03/14    | 50-261 P         |
| 8003170328       | 8003170324         | 80/03/10    | 50-219 S         | 8003180483       | 8003180475         | 80/03/13    | 50-368 S         |
| 8003170335       | 8003170330         | 80/03/07    | 50-219 S         | 8003180491       | 8003180475         | 80/03/13    | 50-368 S         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

455

| ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003180493       | 8003180487         | 80/03/07    | 50-10            | R |
| 8003180495       | 8003180489         | 80/03/11    | 50-302           | P |
| 8003180500       | 8003180496         | 80/03/10    | 50-272           | R |
| 8003180501       | 8003180498         | 80/03/14    | 50-313           | R |
| 8003180506       | 8003180503         | 80/03/14    | 50-247           | R |
| 8003180508       | 8003180502         | 80/03/12    | 50-346           | S |
| 8003180511       | 8003180505         | 80/03/13    | 50-325           | S |
| 8003180513       | 8003180504         | 80/03/11    | 50-409           | S |
| 8003180520       | 8003180518         | 80/03/14    | 50-368           | R |
| 8003180522       | 8003180517         | 80/03/12    | 50-331           | S |
| 8003180534       | 8003180526         | 80/03/11    | 50-315           | S |
| 8003180535       | 8003180529         | 80/03/12    | 50-364           | A |
| 8003180536       | 8003180527         | 80/03/11    | 50-260           | S |
| 8003180542       | 8003180538         | 80/03/10    | 50-266           | R |
| 8003180543       | 8003180537         | 80/03/13    | 50-260           | S |
| 8003180544       | 8003180531         | 80/03/12    | 50-260           | S |
| 8003180547       | 8003180541         | 80/03/14    | 50-259           | S |
| 8003180549       | 8003180539         | 80/03/14    | 50-206           | F |
| 8003180550       | 8003180546         | 80/03/12    | 50-338           | R |
| 8003180554       | 8003180545         | 80/03/11    | 50-320           | S |
| 8003180559       | 8003180551         | 80/03/13    | 50-271           | S |
| 8003180562       | 8003180553         | 80/03/12    | 50-133           | S |
| 8003180564       | 8003180560         | 80/03/10    | 50-305           | S |
| 8003180565       | 8003180557         | 80/03/13    | 50-296           | S |
| 8003180567       | 8003180555         | 80/03/06    | 50-278           | S |
| 8003180568       | 8003180561         | 80/02/06    | 50-285           | O |
| 8003180574       | 8003180566         | 80/03/11    | 50-312           | S |
| 8003180580       | 8003180572         | 80/03/14    | 50-333           | S |
| 8003180582       | 8003180573         | 80/03/06    | 50-278           | S |
| 8003180587       | 8003180581         | 80/03/11    | 50-324           | S |
| 8003180590       | 8003180584         | 80/03/14    | 50-338           | S |
| 8003180593       | 8003180586         | 80/03/13    | 50-277           | S |
| 8003180597       | 8003180592         | 80/03/14    | 50-333           | S |
| 8003180598       | 8003180594         | 80/03/12    | 50-259           | S |
| 8003180606       | 8003180599         | 80/03/07    | 50-348           | R |
| 8003180607       | 8003180602         | 80/03/10    | 50-285           | R |
| 8003180617       | 8003180610         | 80/03/14    | 50-259           | S |
| 8003180618       | 8003180611         | 80/03/14    | 50-259           | S |
| 8003180619       | 8003180613         | 80/03/10    | TOPREC           |   |
| 8003180621       | 8003180616         | 80/03/10    | 50-325           | S |
| 8003180624       | 8003180620         | 80/03/14    | 50-438           | S |
| 8003190026       | 8003190018         | 80/02/26    | XPORTLIC         |   |
| 8003190029       | 8003190021         | 80/01/29    | 40-8027          |   |
| 8003190030       | 8003190024         | 80/01/31    | 70-824           |   |
| 8003190037       | 8003190019         | 80/02/22    | TOPREC           |   |
| 8003190038       | 8003190024         | 80/01/31    | 70-824           |   |
| 8003190050       | 8003190043         | 80/03/07    | FOIA             |   |
| 8003190051       | 8003190024         | 80/01/31    | 70-824           |   |
| 8003190058       | 8003190045         | 80/02/21    | 50-247           | P |
| 8003190059       | 8003190024         | 80/01/31    | 70-824           |   |
| 8003190061       | 8003190056         | 80/01/24    | 10CFR            |   |
| 8003190063       | 8003190053         | 80/01/04    | 50-498           | S |
| 8003190071       | 8003190068         | 80/01/16    | 50-156           | O |
| 8003190073       | 8003190064         | 80/02/26    | 50-251           | O |
| 8003190077       | 8003190064         | 80/02/26    | 50-251           | O |
| 8003190081       | 8003190064         | 80/02/26    | 50-251           | O |
| 8003190084       | 8003190070         | 80/01/14    | 50-445           | S |
| 8003190094       | 8003190072         | 80/02/21    | 50-293           | O |
| 8003190106       | 8003190078         | 80/02/22    | 50-298           | O |
| 8003190109       | 8003190100         | 80/02/15    | 50-482           | S |
| 8003190111       | 8003190103         | 80/03/03    | 50-3             | O |
| 8003190121       | 8003190110         | 80/02/21    | 50-553           | O |
| 8003190123       | 8003190118         | 80/02/25    | 50-309           | H |
| 8003190127       | 8003190110         | 80/02/21    | 50-553           | O |
| 8003190128       | 8003190115         | 80/02/21    | 50-269           | O |
| 8003190131       | 8003190110         | 80/02/21    | 50-553           | O |
| 8003190132       | 8003190115         | 80/02/21    | 50-269           | O |
| 8003190135       | 8003190115         | 80/02/21    | 50-269           | O |
| 8003190137       | 8003190110         | 80/02/21    | 50-553           | O |
| 8003190140       | 8003190115         | 80/02/21    | 50-269           | O |
| 8003190158       | 8003190149         | 80/01/25    | 70-1143          |   |
| 8003190170       | 8003190164         | 80/02/20    | 50-77            | O |
| 8003190179       | 8003190168         | 80/02/22    | 50-327           | O |
| 8003190182       | 8003190168         | 80/02/22    | 50-327           | O |
| 8003190186       | 8003190168         | 80/02/22    | 50-327           | O |
| 8003190192       | 8003190183         | 80/02/27    | 50-269           | O |
| 8003190193       | 8003190168         | 80/02/22    | 50-327           | O |
| 8003190194       | 8003190189         | 80/02/22    | CONTRACT         |   |
| 8003190201       | 8003190183         | 80/02/27    | 50-269           | O |
| 8003190209       | 8003190204         | 80/02/26    | 50-329           | O |

| ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003190211       | 8003190183         | 80/02/27    | 50-269           | O |
| 8003190214       | 8003190206         | 80/02/20    | 50-245           | O |
| 8003190222       | 8003190206         | 80/02/20    | 50-245           | O |
| 8003190227       | 8003190206         | 80/02/20    | 50-245           | O |
| 8003190234       | 8003190206         | 80/02/20    | 50-245           | O |
| 8003190235       | 8003190183         | 80/02/27    | 50-269           | O |
| 8003190239       | 8003190228         | 80/02/16    | MISC             |   |
| 8003190251       | 8003190241         | 80/02/01    | 50-324           | O |
| 8003190256       | 8003190241         | 80/02/01    | 50-324           | O |
| 8003190261       | 8003190255         | 80/01/31    | 50-390           | O |
| 8003190262       | 8003190241         | 80/02/01    | 50-324           | O |
| 8003190266       | 8003190255         | 80/01/31    | 50-390           | O |
| 8003190269       | 8003190241         | 80/02/01    | 50-324           | O |
| 8003190273       | 8003190255         | 80/01/31    | 50-390           | O |
| 8003190285       | 8003190280         | 80/01/25    | 70-820           |   |
| 8003190290       | 8003190282         | 80/01/02    | CONTRACT         |   |
| 8003190291       | 8003190281         | 80/03/05    | 50-400           | O |
| 8003190294       | 8003190289         | 80/02/22    | 50-247           | O |
| 8003190300       | 8003190289         | 80/02/22    | 50-247           | O |
| 8003190304       | 8003190298         | 80/03/10    | 50-445           | O |
| 8003190305       | 8003190289         | 80/02/22    | 50-247           | O |
| 8003190307       | 8003190289         | 80/02/22    | 50-247           | O |
| 8003190309       | 8003190298         | 80/03/10    | 50-445           | O |
| 8003190317       | 8003190315         | 79/09/19    | 70-1257          |   |
| 8003190320       | 8003190314         | 80/02/25    | 50-320           | H |
| 8003190332       | 8003190324         | 80/01/09    | 50-259           | O |
| 8003190336       | 8003190330         | 80/02/22    | 0A999            |   |
| 8003190338       | 8003190333         | 80/02/15    | 50-320           | H |
| 8003190339       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190344       | 8003190330         | 80/02/22    | 0A999            |   |
| 8003190347       | 8003190342         | 80/03/13    | 50-373           | K |
| 8003190349       | 8003190330         | 80/02/22    | 0A999            |   |
| 8003190350       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190351       | 8003190346         | 80/03/15    | 50-320           | H |
| 8003190352       | 8003190337         | 80/02/01    | MISC             |   |
| 8003190354       | 8003190330         | 80/02/22    | 0A999            |   |
| 8003190356       | 8003190340         | 80/02/04    | 50-518           | O |
| 8003190359       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190361       | 8003190330         | 80/02/22    | 0A999            |   |
| 8003190371       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190374       | 8003190368         | 80/02/04    | 50-416           | O |
| 8003190375       | 8003190369         | 80/02/20    | 70-135           |   |
| 8003190377       | 8003190360         | 80/02/15    | 50-320           | O |
| 8003190379       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190382       | 8003190369         | 80/02/20    | 70-135           |   |
| 8003190385       | 8003190381         | 80/02/15    | 50-320           | H |
| 8003190389       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190392       | 8003190380         | 80/01/28    | PR               |   |
| 8003190394       | 8003190387         | 80/02/20    | 50-293           | O |
| 8003190397       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190399       | 8003190393         | 80/02/15    | 50-320           | H |
| 8003190401       | 8003190387         | 80/02/20    | 50-293           | O |
| 8003190406       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190408       | 8003190387         | 80/02/20    | 50-293           | O |
| 8003190409       | 8003190407         | 80/02/15    | 50-320           | H |
| 8003190413       | 8003190387         | 80/02/20    | 50-293           | O |
| 8003190414       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190424       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190426       | 8003190421         | 80/03/14    | 50-259           | K |
| 8003190427       | 8003190418         | 80/02/14    | 50-320           | O |
| 8003190432       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190438       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190444       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190450       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190454       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190461       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190462       | 8003190459         | 80/03/14    | 50-348           | R |
| 8003190471       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190476       | 8003190474         | 80/02/04    | 50-320           | H |
| 8003190477       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190480       | 8003190475         | 80/03/11    | 50-245           | R |
| 8003190483       | 8003190478         | 80/03/10    | 50-267           | P |
| 8003190486       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190488       | 8003190478         | 80/03/10    | 50-267           | P |
| 8003190491       | 8003190485         | 80/03/13    | 50-317           | R |
| 8003190493       | 8003190321         | 80/02/27    | FOIA             |   |
| 8003190497       | 8003190495         | 80/03/01    | 50-293           | R |
| 8003190498       | 8003190496         | 80/03/13    | 50-311           | F |
| 8003190501       | 8003190494         | 80/02/04    | 50-320           | H |
| 8003190502       | 8003190321         | 80/02/27    | FOIA             |   |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003190504       | 8003190490         | 80/02/04    | 50-320 H         | 8003190715       | 8003190321         | 80/02/27    | FOIA             |
| 8003190505       | 8003190484         | 80/02/04    | 50-320 H         | 8003190719       | 8003190714         | 80/02/22    | 70-135           |
| 8003190506       | 8003190321         | 80/02/27    | FOIA             | 8003190720       | 8003190321         | 80/02/27    | FOIA             |
| 8003190511       | 8003190321         | 80/02/27    | FOIA             | 8003190721       | 8003190699         | 80/02/27    | 50-390 Q         |
| 8003190513       | 8003190509         | 80/02/06    | 50-344 Q         | 8003190722       | 8003190714         | 80/02/22    | 70-135           |
| 8003190522       | 8003190518         | 80/03/14    | 50-269 R         | 8003190724       | 8003190714         | 80/02/22    | 70-135           |
| 8003190524       | 8003190321         | 80/02/27    | FOIA             | 8003190725       | 8003190321         | 80/02/27    | FOIA             |
| 8003190528       | 8003190523         | 80/03/13    | TDPREP           | 8003190727       | 8003190714         | 80/02/22    | 70-135           |
| 8003190531       | 8003190526         | 80/03/12    | 50-318 S         | 8003190730       | 8003190321         | 80/02/27    | FOIA             |
| 8003190538       | 8003190535         | 80/03/11    | 50-336 R         | 8003190734       | 8003190717         | 80/01/28    | 50-128 P         |
| 8003190542       | 8003190533         | 80/03/14    | 50-302 R         | 8003190735       | 8003190321         | 80/02/27    | FOIA             |
| 8003190543       | 8003190321         | 80/02/27    | FOIA             | 8003190737       | 8003190728         | 80/02/14    | 50-302 Q         |
| 8003190555       | 8003190321         | 80/02/27    | FOIA             | 8003190742       | 8003190321         | 80/02/27    | FOIA             |
| 8003190557       | 8003190546         | 80/02/04    | 50-390 Q         | 8003190743       | 8003190728         | 80/02/14    | 50-302 Q         |
| 8003190561       | 8003190556         | 80/03/11    | 50-312 S         | 8003190746       | 8003190728         | 80/02/14    | 50-302 Q         |
| 8003190563       | 8003190321         | 80/02/27    | FOIA             | 8003190747       | 8003190321         | 80/02/27    | FOIA             |
| 8003190567       | 8003190560         | 80/01/25    | 71-6400          | 8003190748       | 8003190745         | 80/02/15    | XPCTRLIC         |
| 8003190568       | 8003190565         | 80/03/17    | 50-220 P         | 8003190749       | 8003190738         | 80/02/04    | 50-518 Q         |
| 8003190569       | 8003190551         | 80/03/12    | 50-249 S         | 8003190751       | 8003190728         | 80/02/14    | 50-302 Q         |
| 8003190570       | 8003190321         | 80/02/27    | FOIA             | 8003190752       | 8003190750         | 80/01/24    | 50-281 Q         |
| 8003190571       | 8003190565         | 80/03/17    | 50-220 P         | 8003190753       | 8003190321         | 80/02/27    | FOIA             |
| 8003190572       | 8003190564         | 80/01/14    | 50-438 Q         | 8003190761       | 8003190321         | 80/02/27    | FOIA             |
| 8003190576       | 8003190549         | 80/03/13    | 50-249 S         | 8003190766       | 8003190321         | 80/02/27    | FOIA             |
| 8003190577       | 8003190321         | 80/02/27    | FOIA             | 8003190767       | 8003190763         | 80/02/25    | 50-320 H         |
| 8003190579       | 8003190545         | 80/03/07    | 50-219 S         | 8003190768       | 8003190756         | 80/02/28    | 50-518 Q         |
| 8003190580       | 8003190321         | 80/02/27    | FOIA             | 8003190773       | 8003190321         | 80/02/27    | FOIA             |
| 8003190581       | 8003190575         | 80/01/15    | 50-438 Q         | 8003190777       | 8003190756         | 80/02/28    | 50-518 Q         |
| 8003190582       | 8003190566         | 80/03/03    | 50-123 Q         | 8003190779       | 8003190321         | 80/02/27    | FOIA             |
| 8003190586       | 8003190540         | 80/03/07    | 50-219 S         | 8003190782       | 8003190776         | 80/02/14    | 50-247 P         |
| 8003190587       | 8003190321         | 80/02/27    | FOIA             | 8003190784       | 8003190769         | 80/02/03    | CONTRACT         |
| 8003190588       | 8003190583         | 79/11/02    | ACRS             | 8003190785       | 8003190756         | 80/02/28    | 50-518 Q         |
| 8003190589       | 8003190585         | 80/01/14    | 50-261 Q         | 8003190786       | 8003190321         | 80/02/27    | FOIA             |
| 8003190590       | 8003190321         | 80/02/27    | FOIA             | 8003190791       | 8003190321         | 80/02/27    | FOIA             |
| 8003190594       | 8003190592         | 80/02/22    | 50-358 Q         | 8003190792       | 8003190787         | 80/02/25    | 70-135           |
| 8003190595       | 8003190593         | 80/01/30    | 50-412 Q         | 8003190793       | 8003190789         | 80/02/06    | 50-338 Q         |
| 8003190596       | 8003190591         | 80/02/14    | 50-553 Q         | 8003190795       | 8003190787         | 80/02/25    | 70-135           |
| 8003190597       | 8003190593         | 80/01/30    | 50-412 Q         | 8003190798       | 8003190756         | 80/02/28    | 50-518 Q         |
| 8003190601       | 8003190591         | 80/02/14    | 50-553 Q         | 8003190799       | 8003190783         | 80/02/19    | 50-250 P         |
| 8003190602       | 8003190598         | 80/01/08    | 50-250 Q         | 8003190801       | 8003190321         | 80/02/27    | FOIA             |
| 8003190604       | 8003190591         | 80/02/14    | 50-553 Q         | 8003190802       | 8003190794         | 80/02/21    | CONTRACT         |
| 8003190606       | 8003190600         | 80/02/21    | 27-47            | 8003190803       | 8003190787         | 80/02/25    | 70-135           |
| 8003190607       | 8003190593         | 80/01/30    | 50-412 Q         | 8003190807       | 8003190321         | 80/02/27    | FOIA             |
| 8003190608       | 8003190591         | 80/02/14    | 50-553 Q         | 8003190812       | 8003190806         | 80/02/25    | 70-1100          |
| 8003190609       | 8003190600         | 80/02/21    | 27-47            | 8003190813       | 8003190321         | 80/02/27    | FOIA             |
| 8003190610       | 8003190605         | 80/01/11    | 50-327 Q         | 8003190817       | 8003190809         | 80/02/28    | CONTRACT         |
| 8003190613       | 8003190593         | 80/01/30    | 50-412 Q         | 8003190818       | 8003190810         | 80/02/29    | 50-416 Q         |
| 8003190618       | 8003190612         | 80/02/04    | 50-566 Q         | 8003190819       | 8003190321         | 80/02/27    | FOIA             |
| 8003190623       | 8003190619         | 80/02/04    | 50-259 Q         | 8003190821       | 8003190806         | 80/02/25    | 70-1100          |
| 8003190624       | 8003190616         | 80/02/04    | 50-250 Q         | 8003190823       | 8003190810         | 80/02/29    | 50-416 Q         |
| 8003190632       | 8003190627         | 80/01/10    | 50-327 Q         | 8003190825       | 8003190321         | 80/02/27    | FOIA             |
| 8003190633       | 8003190630         | 80/01/26    | 50-341 Q         | 8003190830       | 8003190810         | 80/02/29    | 50-416 Q         |
| 8003190635       | 8003190629         | 80/02/20    | 50-445 H         | 8003190832       | 8003190321         | 80/02/27    | FOIA             |
| 8003190639       | 8003190634         | 80/01/10    | 50-390 Q         | 8003190833       | 8003190810         | 80/02/29    | 50-416 Q         |
| 8003190641       | 8003190630         | 80/01/26    | 50-341 Q         | 8003190836       | 8003190321         | 80/02/27    | FOIA             |
| 8003190645       | 8003190644         | 80/03/14    | 50-271 P         | 8003190843       | 8003190837         | 80/03/04    | 50-456 Q         |
| 8003190646       | 8003190643         | 80/02/27    | 50-400 Q         | 8003190844       | 8003190840         | 80/02/26    | 50-280 Q         |
| 8003190650       | 8003190648         | 80/03/17    | 50-339 A         | 8003190845       | 8003190321         | 80/02/27    | FOIA             |
| 8003190651       | 8003190643         | 80/02/27    | 50-400 Q         | 8003190846       | 8003190840         | 80/02/26    | 50-280 Q         |
| 8003190656       | 8003190643         | 80/02/27    | 50-400 Q         | 8003190847       | 8003190842         | 80/02/29    | CONTRACT         |
| 8003190658       | 8003190654         | 80/02/07    | 50-302 Q         | 8003190851       | 8003190321         | 80/02/27    | FOIA             |
| 8003190662       | 8003190643         | 80/02/27    | 50-400 Q         | 8003190852       | 8003190840         | 80/02/26    | 50-280 Q         |
| 8003190664       | 8003190654         | 80/02/07    | 50-302 Q         | 8003190854       | 8003190848         | 80/02/11    | 70-1201          |
| 8003190667       | 8003190321         | 80/02/27    | FOIA             | 8003190856       | 8003190321         | 80/02/27    | FOIA             |
| 8003190668       | 8003190654         | 80/02/07    | 50-302 Q         | 8003190859       | 8003190853         | 80/01/28    | 50-245 Q         |
| 8003190672       | 8003190654         | 80/02/07    | 50-302 Q         | 8003190860       | 8003190321         | 80/02/27    | FOIA             |
| 8003190674       | 8003190321         | 80/02/27    | FOIA             | 8003190864       | 8003190321         | 80/02/27    | FOIA             |
| 8003190676       | 8003190643         | 80/02/27    | 50-400 Q         | 8003190865       | 8003190857         | 80/02/28    | 50-518 Q         |
| 8003190680       | 8003190321         | 80/02/27    | FOIA             | 8003190867       | 8003190858         | 80/02/15    | 50-528 Q         |
| 8003190684       | 8003190321         | 80/02/27    | FOIA             | 8003190869       | 8003190321         | 80/02/27    | FOIA             |
| 8003190685       | 8003190678         | 80/02/01    | 50-389 S         | 8003190870       | 8003190863         | 80/01/28    | 50-271 Q         |
| 8003190688       | 8003190683         | 80/01/25    | 50-313 Q         | 8003190871       | 8003190857         | 80/02/28    | 50-518 Q         |
| 8003190689       | 8003190321         | 80/02/27    | FOIA             | 8003190874       | 8003190321         | 80/02/27    | FOIA             |
| 8003190690       | 8003190687         | 80/01/31    | BECY             | 8003190877       | 8003190857         | 80/02/28    | 50-518 Q         |
| 8003190695       | 8003190321         | 80/02/27    | FOIA             | 8003190881       | 8003190321         | 80/02/27    | FOIA             |
| 8003190701       | 8003190321         | 80/02/27    | FOIA             | 8003190882       | 8003190849         | 80/02/14    | 50-320 H         |
| 8003190704       | 8003190321         | 80/02/27    | FOIA             | 8003190883       | 8003190876         | 80/03/10    | 50-445 Q         |
| 8003190706       | 8003190699         | 80/02/27    | 50-390 Q         | 8003190886       | 8003190875         | 80/01/26    | 50-29 Q          |
| 8003190708       | 8003190321         | 80/02/27    | FOIA             | 8003190887       | 8003190321         | 80/02/27    | FOIA             |
| 8003190710       | 8003190705         | 80/02/25    | 50-556 Q         | 8003190888       | 8003190857         | 80/02/28    | 50-518 Q         |
| 8003190712       | 8003190699         | 80/02/27    | 50-390 Q         | 8003190895       | 8003190321         | 80/02/27    | FOIA             |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

457

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003190899       | 8003190890         | 80/01/28    | 50-244 G         | 8003200253       | 8003200227         | 80/02/26    | 50-155 G         |
| 8003190902       | 8003190894         | 80/01/28    | 50-387 G         | 8003200258       | 8003200227         | 80/02/26    | 50-155 G         |
| 8003190903       | 8003190894         | 80/02/27    | COMMISSION       | 8003200278       | 8003200267         | 80/02/26    | 50-367 R         |
| 8003190909       | 8003190908         | 80/01/22    | 50-423 G         | 8003200293       | 8003200284         | 80/01/30    | 70-364           |
| 8003190912       | 8003190904         | 80/01/28    | 50-333 G         | 8003200297       | 8003200284         | 80/03/05    | 50-445 H         |
| 8003190913       | 8003190907         | 80/03/11    | 50-322 G         | 8003200299       | 8003200284         | 80/01/30    | 70-364           |
| 8003190920       | 8003190914         | 80/01/22    | 50-387 G         | 8003200303       | 8003200284         | 80/03/05    | 50-445 H         |
| 8003190940       | 8003190922         | 80/02/25    | 50-400 G         | 8003200304       | 8003200284         | 80/01/30    | 70-364           |
| 8003190942       | 8003190933         | 80/03/03    | 50-272 G         | 8003200305       | 8003200284         | 80/02/15    | PR               |
| 8003190953       | 8003190947         | 80/02/01    | 71-365           | 8003200309       | 8003200284         | 80/01/30    | 70-364           |
| 8003190954       | 8003190927         | 80/02/23    | 50-272 G         | 8003200310       | 8003200284         | 80/03/05    | 50-445 H         |
| 8003190961       | 8003190922         | 80/02/25    | 50-400 G         | 8003200377       | 8003200376         | 80/03/03    | CONTRACT         |
| 8003190962       | 8003190927         | 80/02/23    | 50-272 G         | 8003200385       | 8003200383         | 80/03/07    | 50-254 B         |
| 8003190968       | 8003190952         | 80/01/30    | 50-266 G         | 8003200391       | 8003200389         | 80/03/14    | 50-331 S         |
| 8003190971       | 8003190966         | 80/02/29    | 71-6400          | 8003200392       | 8003200387         | 80/03/13    | 50-304 B         |
| 8003190975       | 8003190927         | 80/02/23    | 50-272 G         | 8003200396       | 8003200394         | 80/03/14    | 50-331 S         |
| 8003190990       | 8003190981         | 80/02/15    | 50-267 G         | 8003200397       | 8003200321         | 80/03/14    | 50-77 R          |
| 8003190998       | 8003190992         | 80/02/25    | 70-1100          | 8003200403       | 8003200400         | 80/03/17    | 50-369 A         |
| 8003191006       | 8003191001         | 80/02/26    | CONTRACT         | 8003200404       | 8003200398         | 80/03/01    | 50-265 S         |
| 8003200013       | 8003200011         | 80/01/01    | CONTRACT         | 8003200407       | 8003200401         | 80/03/11    | 50-304 B         |
| 8003200016       | 8003200009         | 80/02/27    | COMMISSION       | 8003200408       | 8003200405         | 80/02/05    | 50-10 G          |
| 8003200022       | 8003200019         | 80/02/15    | CONTRACT         | 8003200410       | 8003200404         | 80/03/06    | 50-254 B         |
| 8003200023       | 8003200020         | 80/02/18    | CONTRACT         | 8003200415       | 8003200412         | 80/03/06    | 50-265 S         |
| 8003200029       | 8003200025         | 80/02/14    | CONTRACT         | 8003200418       | 8003200411         | 80/03/13    | 50-295 S         |
| 8003200031       | 8003200027         | 80/02/15    | CONTRACT         | 8003200423       | 8003200420         | 80/03/07    | 50-304 B         |
| 8003200035       | 8003200024         | 80/02/27    | COMMISSION       | 8003200430       | 8003200423         | 80/03/17    | 50-269 S         |
| 8003200036       | 8003200030         | 80/01/29    | 50-445 G         | 8003200438       | 8003200435         | 80/03/17    | 50-261 P         |
| 8003200037       | 8003200032         | 80/02/21    | 70-1257          | 8003200441       | 8003200434         | 80/03/12    | 50-301 S         |
| 8003200040       | 8003200038         | 80/02/26    | 50-320 H         | 8003200443       | 8003200416         | 80/02/08    | 50-454 G         |
| 8003200043       | 8003200032         | 80/02/21    | 70-1257          | 8003200452       | 8003200446         | 80/03/18    | 50-318 S         |
| 8003200044       | 8003200033         | 80/02/26    | CONTRACT         | 8003200467       | 8003200458         | 80/03/05    | 50-443 G         |
| 8003200045       | 8003200030         | 80/01/29    | 50-445 G         | 8003200468       | 8003200462         | 80/03/17    | 50-409 P         |
| 8003200049       | 8003200032         | 80/02/21    | 70-1257          | 8003200472       | 8003200461         | 80/03/14    | 50-327 S         |
| 8003200051       | 8003200042         | 80/02/27    | 70-143           | 8003200475       | 8003200459         | 80/03/05    | 50-443 G         |
| 8003200055       | 8003200032         | 80/02/21    | 70-1257          | 8003200482       | 8003200458         | 80/03/05    | 50-443 G         |
| 8003200070       | 8003200063         | 80/02/29    | 50-367 U         | 8003200489       | 8003200480         | 80/02/07    | 50-282 G         |
| 8003200071       | 8003200066         | 80/02/29    | WASTE MGT        | 8003200494       | 8003200487         | 80/02/04    | 50-334 G         |
| 8003200075       | 8003200060         | 80/02/29    | 50-280 G         | 8003200496       | 8003200486         | 80/02/08    | 50-329 G         |
| 8003200083       | 8003200074         | 80/02/27    | COMMISSION       | 8003200500       | 8003200489         | 80/02/04    | 50-334 G         |
| 8003200087       | 8003200074         | 80/02/29    | COMMISSION       | 8003200505       | 8003200489         | 80/02/04    | 50-334 G         |
| 8003200090       | 8003200074         | 80/02/29    | COMMISSION       | 8003200506       | 8003200495         | 80/02/07    | 50-266 G         |
| 8003200091       | 8003200060         | 80/02/27    | 10CFR            | 8003200509       | 8003200503         | 80/02/29    | CONTRACT         |
| 8003200096       | 8003200074         | 80/02/29    | COMMISSION       | 8003200518       | 8003200513         | 80/03/03    | FOIA             |
| 8003200100       | 8003200092         | 80/02/22    | 70-364           | 8003200525       | 8003200516         | 80/02/07    | 50-316 G         |
| 8003200105       | 8003200060         | 80/02/29    | 10CFR            | 8003200529       | 8003200513         | 80/03/03    | FOIA             |
| 8003200115       | 8003200060         | 80/02/27    | 10CFR            | 8003200541       | 8003200533         | 80/03/05    | 50-546 G         |
| 8003200117       | 8003200111         | 80/02/21    | 70-754           | 8003200542       | 8003200513         | 80/03/03    | FOIA             |
| 8003200123       | 8003200060         | 80/02/27    | 10CFR            | 8003200549       | 8003200513         | 80/03/03    | FOIA             |
| 8003200125       | 8003200124         | 80/02/26    | 50-302 G         | 8003200552       | 8003200546         | 80/01/24    | 50-244 P         |
| 8003200126       | 8003200122         | 80/02/19    | 50-3 P           | 8003200558       | 8003200546         | 80/01/24    | 50-244 P         |
| 8003200128       | 8003200060         | 80/02/29    | 10CFR            | 8003200567       | 8003200556         | 80/03/04    | CONTRACT         |
| 8003200129       | 8003200124         | 80/02/26    | 50-302 G         | 8003200570       | 8003200563         | 80/02/12    | 50-302 G         |
| 8003200130       | 8003200124         | 80/02/26    | 50-302 G         | 8003200574       | 8003200563         | 80/02/12    | 50-302 G         |
| 8003200132       | 8003200124         | 80/02/26    | 50-302 G         | 8003200580       | 8003200563         | 80/02/12    | 50-302 G         |
| 8003200133       | 8003200111         | 80/02/24    | 70-754           | 8003200586       | 8003200563         | 80/02/12    | 50-302 G         |
| 8003200134       | 8003200060         | 80/02/29    | 10CFR            | 8003200591       | 8003200577         | 80/02/28    | 50-320 G         |
| 8003200142       | 8003200060         | 80/02/29    | 10CFR            | 8003200602       | 8003200594         | 80/03/04    | FOIA             |
| 8003200143       | 8003200138         | 80/02/29    | XPORTRLIC        | 8003200605       | 8003200599         | 80/02/11    | 50-416 G         |
| 8003200149       | 8003200060         | 80/02/29    | 10CFR            | 8003200610       | 8003200606         | 80/02/27    | 50-491 G         |
| 8003200154       | 8003200060         | 80/02/27    | 10CFR            | 8003200611       | 8003200599         | 80/02/11    | 50-416 G         |
| 8003200166       | 8003200060         | 80/02/27    | 10CFR            | 8003200613       | 8003200599         | 80/02/11    | 50-416 G         |
| 8003200175       | 8003200060         | 80/02/27    | 10CFR            | 8003200616       | 8003200599         | 80/02/11    | 50-416 G         |
| 8003200183       | 8003200060         | 80/02/27    | 10CFR            | 8003200619       | 8003200617         | 80/02/27    | 50-445 G         |
| 8003200189       | 8003200178         | 80/02/06    | CONTRACT         | 8003210005       | 8003210003         | 80/02/28    | 50-320 H         |
| 8003200191       | 8003200060         | 80/02/27    | 10CFR            | 8003210013       | 8003210010         | 80/02/28    | 50-320 G         |
| 8003200198       | 8003200060         | 80/02/27    | 10CFR            | 8003210020       | 8003210015         | 80/02/06    | 50-327 G         |
| 8003200202       | 8003200060         | 80/02/27    | 10CFR            | 8003210021       | 8003210017         | 80/02/16    | WASTE MGT        |
| 8003200211       | 8003200060         | 80/02/29    | 10CFR            | 8003210025       | 8003210019         | 80/02/28    | 50-320 G         |
| 8003200212       | 8003200194         | 80/02/21    | 50-373 H         | 8003210030       | 8003210024         | 80/02/06    | 50-389 G         |
| 8003200215       | 8003200194         | 80/02/21    | 50-373 H         | 8003210031       | 8003210028         | 80/02/20    | FOIA             |
| 8003200217       | 8003200194         | 80/02/21    | 50-373 H         | 8003210036       | 8003210008         | 80/02/22    | 50-219 G         |
| 8003200220       | 8003200060         | 80/02/27    | 10CFR            | 8003210037       | 8003210028         | 80/02/20    | FOIA             |
| 8003200231       | 8003200226         | 80/01/24    | 50-322 G         | 8003210039       | 8003210034         | 80/02/08    | 50-255 G         |
| 8003200232       | 8003200228         | 80/03/19    | 50-443 A         | 8003210040       | 8003210033         | 80/01/04    | 70-143           |
| 8003200235       | 8003200227         | 80/02/26    | 50-155 G         | 8003210042       | 8003210028         | 80/02/20    | FOIA             |
| 8003200238       | 8003200228         | 80/03/19    | 50-443 A         | 8003210043       | 8003210034         | 80/02/08    | 50-255 G         |
| 8003200244       | 8003200228         | 80/03/19    | 50-443 A         | 8003210046       | 8003210028         | 80/02/20    | FOIA             |
| 8003200246       | 8003200227         | 80/02/26    | 50-155 G         | 8003210050       | 8003210048         | 80/02/20    | 50-259 G         |
| 8003200247       | 8003200241         | 80/02/29    | 50-267 G         | 8003210054       | 8003210044         | 80/02/13    | 50-259 G         |
| 8003200251       | 8003200227         | 80/02/26    | 50-155 G         | 8003210055       | 8003210059         | 80/02/06    | 50-261 G         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003210069       | 8003210059         | 80/02/06    | 50-261 Q         |
| 8003210073       | 8003210059         | 80/02/06    | 50-261 Q         |
| 8003210077       | 8003210059         | 80/02/06    | 50-261 Q         |
| 8003210086       | 8003210080         | 80/01/07    | 50-281 Q         |
| 8003210116       | 8003210111         | 80/02/27    | 50-389 Q         |
| 8003210117       | 8003210108         | 80/02/27    | 50-3 Q           |
| 8003210119       | 8003210111         | 80/02/27    | 50-389 Q         |
| 8003210122       | 8003210111         | 80/02/27    | 50-389 Q         |
| 8003210125       | 8003210111         | 80/02/27    | 50-389 Q         |
| 8003210126       | 8003210108         | 80/02/27    | 50-3 Q           |
| 8003210137       | 8003210130         | 80/02/26    | 50-338 Q         |
| 8003210138       | 8003210130         | 80/02/26    | 50-338 Q         |
| 8003210141       | 8003210130         | 80/02/26    | 50-338 Q         |
| 8003210144       | 8003210130         | 80/02/26    | 50-338 Q         |
| 8003210207       | 8003210204         | 80/01/22    | 71-5796          |
| 8003210210       | 8003210204         | 80/01/22    | 71-5796          |
| 8003210227       | 8003210205         | 80/02/13    | 71-5597          |
| 8003210256       | 8003210253         | 80/02/22    | 50-413 Q         |
| 8003210261       | 8003210253         | 80/02/22    | 50-413 Q         |
| 8003210272       | 8003210269         | 80/02/07    | 50-297 Q         |
| 8003210275       | 8003210271         | 80/02/15    | 50-320 Q         |
| 8003210283       | 8003210277         | 79/11/26    | 50-400 Q         |
| 8003210297       | 8003210277         | 79/11/26    | 50-400 Q         |
| 8003210307       | 8003210277         | 79/11/26    | 50-400 Q         |
| 8003210316       | 8003210277         | 79/11/26    | 50-400 Q         |
| 8003210325       | 8003210277         | 79/11/26    | 50-400 Q         |
| 8003210330       | 8003210324         | 80/03/20    | 50-333 S         |
| 8003210337       | 8003210331         | 80/03/07    | 50-338 K         |
| 8003210340       | 8003210334         | 80/03/20    | 50-333 S         |
| 8003210344       | 8003210342         | 80/03/14    | 50-219 R         |
| 8003210345       | 8003210341         | 80/02/28    | 50-2 Q           |
| 8003210351       | 8003210348         | 80/02/22    | CONTRACT         |
| 8003210376       | 8003210374         | 80/03/14    | 50-518 S         |
| 8003210382       | 8003210380         | 80/03/17    | 50-298 P         |
| 8003210395       | 8003210391         | 80/03/11    | 50-366 S         |
| 8003210416       | 8003210412         | 80/03/10    | 50-321 S         |
| 8003210418       | 8003210407         | 80/03/14    | 50-518 S         |
| 8003210426       | 8003210422         | 80/03/19    | 50-338 P         |
| 8003210428       | 8003210425         | 80/03/18    | 50-250 P         |
| 8003210438       | 8003210433         | 80/03/17    | 50-366 S         |
| 8003210452       | 8003210440         | 80/03/20    | 50-333 S         |
| 8003210455       | 8003210451         | 80/03/11    | 50-321 S         |
| 8003210461       | 8003210459         | 80/03/18    | 50-338 S         |
| 8003210463       | 8003210456         | 80/03/13    | 50-324 S         |
| 8003210489       | 8003210485         | 80/03/11    | 50-409 F         |
| 8003210514       | 8003210510         | 80/03/14    | 50-546 I         |
| 8003210541       | 8003210535         | 80/03/17    | 50-260 S         |
| 8003210549       | 8003210534         | 80/03/11    | 50-10 F          |
| 8003210552       | 8003210544         | 80/03/17    | 50-219 S         |
| 8003210555       | 8003210534         | 80/03/11    | 50-10 F          |
| 8003210559       | 8003210534         | 80/03/11    | 50-10 F          |
| 8003210563       | 8003210534         | 80/03/11    | 50-10 F          |
| 8003210566       | 8003210561         | 80/03/17    | 50-271 S         |
| 8003210576       | 8003210570         | 80/03/17    | 50-271 P         |
| 8003210581       | 8003210574         | 80/02/01    | 27-47            |
| 8003240066       | 8003240062         | 80/02/29    | 50-3 Q           |
| 8003240074       | 8003240062         | 80/02/29    | 50-3 Q           |
| 8003240076       | 8003240073         | 80/02/14    | 71-360           |
| 8003240078       | 8003240069         | 80/02/12    | 50-368 S         |
| 8003240086       | 8003240079         | 80/03/07    | 71-376           |
| 8003240097       | 8003240091         | 80/03/07    | 71-374           |
| 8003240099       | 8003240093         | 80/03/06    | 50-546 Q         |
| 8003240108       | 8003240105         | 80/02/25    | 50-409 Q         |
| 8003240113       | 8003240111         | 80/02/27    | 71-6206          |
| 8003240122       | 8003240119         | 80/03/07    | 50-309 P         |
| 8003240176       | 8003240171         | 80/02/15    | 70-824           |
| 8003240180       | 8003240177         | 80/02/29    | XPORTRIC         |
| 8003240182       | 8003240175         | 80/02/19    | 50-264 P         |
| 8003240185       | 8003240179         | 80/02/13    | 71-376           |
| 8003240186       | 8003240184         | 80/02/25    | 40-1341          |
| 8003240191       | 8003240183         | 80/01/23    | 40-8697          |
| 8003240194       | 8003240184         | 80/02/25    | 40-1341          |
| 8003240214       | 8003240208         | 80/02/20    | 50-367 Q         |
| 8003240216       | 8003240064         | 80/02/11    | 70-820           |
| 8003240242       | 8003240236         | 80/02/29    | 40-8380          |
| 8003240245       | 8003240240         | 80/02/15    | XPORTRIC         |
| 8003240248       | 8003240243         | 80/02/29    | 50-366 P         |
| 8003240249       | 8003240247         | 80/03/04    | CONTRACT         |
| 8003240256       | 8003240252         | 80/02/22    | XPORTRIC         |
| 8003240257       | 8003240254         | 80/02/29    | 50-263 P         |

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003240261       | 8003240254         | 80/02/29    | 50-263 P         |
| 8003240275       | 8003240271         | 80/02/29    | 50-298 P         |
| 8003240280       | 8003240271         | 80/02/29    | 50-298 P         |
| 8003240282       | 8003240271         | 80/02/29    | 50-298 P         |
| 8003240287       | 8003240244         | 79/12/31    | 27-47            |
| 8003240299       | 8003240293         | 80/02/14    | 50-556 H         |
| 8003240304       | 8003240293         | 80/02/14    | 50-556 H         |
| 8003240306       | 8003240293         | 80/02/14    | 50-556 H         |
| 8003240313       | 8003240308         | 80/02/22    | 70-B             |
| 8003240314       | 8003240312         | 80/03/18    | 50-289 R         |
| 8003240315       | 8003240308         | 80/02/22    | 70-B             |
| 8003240324       | 8003240318         | 80/03/19    | TOPREP           |
| 8003240326       | 8003240320         | 80/03/18    | 50-404 A         |
| 8003240333       | 8003240329         | 80/02/22    | COMMISSION       |
| 8003240348       | 8003240346         | 80/03/20    | 50-250 R         |
| 8003240349       | 8003240342         | 80/03/13    | 50-445 H         |
| 8003240364       | 8003240361         | 80/03/18    | 50-263 I         |
| 8003240390       | 8003240386         | 80/03/04    | XPORTRIC         |
| 8003240397       | 8003240397         | 80/03/19    | TOPREP           |
| 8003240407       | 8003240405         | 80/03/17    | 50-263 S         |
| 8003240410       | 8003240408         | 80/03/19    | 50-282 S         |
| 8003240415       | 8003240413         | 80/03/14    | 50-409 R         |
| 8003240416       | 8003240412         | 80/03/17    | 50-195 P         |
| 8003240419       | 8003240412         | 80/03/17    | 50-185 P         |
| 8003240421       | 8003240417         | 80/03/20    | 50-306 S         |
| 8003240429       | 8003240414         | 80/03/18    | 50-302 S         |
| 8003240442       | 8003240437         | 80/03/20    | 50-335 R         |
| 8003240454       | 8003240449         | 80/03/18    | 50-331 P         |
| 8003240455       | 8003240450         | 80/03/17    | 50-29 P          |
| 8003240457       | 8003240449         | 80/03/18    | 50-331 P         |
| 8003240458       | 8003240452         | 80/03/20    | 50-333 S         |
| 8003240468       | 8003240465         | 80/03/21    | 50-338 S         |
| 8003240471       | 8003240464         | 80/03/19    | 50-237 P         |
| 8003240472       | 8003240467         | 80/03/18    | 50-293 S         |
| 8003240473       | 8003240465         | 80/03/21    | 50-338 S         |
| 8003240474       | 8003240469         | 80/02/29    | 50-287 S         |
| 8003240476       | 8003240464         | 80/03/19    | 50-237 P         |
| 8003240482       | 8003240464         | 80/03/19    | 50-237 P         |
| 8003240483       | 8003240480         | 80/02/15    | 50-390 G         |
| 8003240484       | 8003240475         | 80/03/21    | 50-261 S         |
| 8003240490       | 8003240464         | 80/03/19    | 50-237 P         |
| 8003240493       | 8003240486         | 80/03/18    | 50-331 S         |
| 8003240502       | 8003240497         | 80/03/17    | 50-245 S         |
| 8003240505       | 8003240501         | 80/02/07    | 50-339 S         |
| 8003240513       | 8003240509         | 80/02/18    | 50-387 Q         |
| 8003240514       | 8003240508         | 80/03/19    | 50-285 S         |
| 8003240515       | 8003240506         | 80/03/14    | 50-348 S         |
| 8003240518       | 8003240508         | 80/03/19    | 50-285 S         |
| 8003240521       | 8003240506         | 80/03/14    | 50-348 S         |
| 8003240524       | 8003240508         | 80/03/19    | 50-285 S         |
| 8003240526       | 8003240522         | 80/03/14    | 50-397 S         |
| 8003240527       | 8003240519         | 80/02/29    | 50-413 S         |
| 8003240528       | 8003240506         | 80/03/14    | 50-348 S         |
| 8003240531       | 8003240529         | 80/03/14    | 50-3 S           |
| 8003240537       | 8003240532         | 80/03/18    | 50-302 S         |
| 8003240538       | 8003240534         | 80/03/20    | 50-250 P         |
| 8003240543       | 8003240534         | 80/03/20    | 50-250 P         |
| 8003240545       | 8003240534         | 80/03/20    | 50-250 P         |
| 8003240556       | 8003240553         | 80/03/03    | 70-1151          |
| 8003240560       | 8003240559         | 80/02/25    | 50-302 Q         |
| 8003240564       | 8003240551         | 80/03/21    | 50-263 S         |
| 8003240579       | 8003240571         | 80/03/03    | 50-266 Q         |
| 8003240590       | 8003240583         | 80/03/07    | 50-320 P         |
| 8003240591       | 8003240586         | 80/02/07    | 50-282 Q         |
| 8003240593       | 8003240571         | 80/03/03    | 50-266 Q         |
| 8003240599       | 8003240586         | 80/02/07    | 50-282 Q         |
| 8003240616       | 8003240610         | 80/03/03    | 50-338 Q         |
| 8003240630       | 8003240627         | 80/02/25    | TOPREP           |
| 8003240637       | 8003240633         | 80/02/11    | PR               |
| 8003240641       | 8003240631         | 80/02/28    | 50-373 A         |
| 8003250040       | 8003250036         | 80/02/08    | 50-491 Q         |
| 8003250043       | 8003250039         | 80/02/08    | 50-446 Q         |
| 8003250048       | 8003250026         | 80/02/08    | 50-491 Q         |
| 8003250058       | 8003250055         | 80/01/30    | 50-305 G         |
| 8003250065       | 8003250026         | 80/02/08    | 50-491 Q         |
| 8003250066       | 8003250055         | 80/01/30    | 50-305 G         |
| 8003250074       | 8003250026         | 80/02/08    | 50-491 Q         |
| 8003250100       | 8003250093         | 80/02/20    | 71-348           |
| 8003250107       | 8003250101         | 80/02/15    | SECY             |
| 8003250108       | 8003250097         | 80/02/08    | 50-390 Q         |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

459

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003250114       | 8003250098         | 80/01/03    | 40-8698          | 8003250536       | 8003250532         | 80/03/20    | 50-224 R         |
| 8003250115       | 8003250112         | 80/02/26    | 71-24            | 8003250537       | 8003250535         | 80/03/19    | 50-267 S         |
| 8003250119       | 8003250112         | 80/02/26    | 71-24            | 8003250543       | 8003250538         | 80/03/20    | 50-289 S         |
| 8003250124       | 8003250097         | 80/02/08    | 50-390 Q         | 8003250548       | 8003250490         | 80/03/21    | 50-277 P         |
| 8003250128       | 8003250098         | 80/01/03    | 40-8698          | 8003250555       | 8003250552         | 80/03/18    | 50-267 S         |
| 8003250129       | 8003250123         | 80/02/26    | WASTE MOT        | 8003250559       | 8003250551         | 80/03/17    | 50-324 S         |
| 8003250131       | 8003250123         | 80/02/26    | WASTE MOT        | 8003250560       | 8003250544         | 80/03/19    | 50-320 S         |
| 8003250136       | 8003250097         | 80/02/08    | 50-390 Q         | 8003250568       | 8003250564         | 80/03/19    | 50-320 S         |
| 8003250139       | 8003250117         | 80/01/17    | 50-259 Q         | 8003250577       | 8003250574         | 80/03/17    | 50-344 P         |
| 8003250147       | 8003250142         | 80/03/04    | CONTRACT         | 8003250581       | 8003250578         | 80/03/10    | 50-267 P         |
| 8003250157       | 8003250192         | 80/02/21    | 70-754           | 8003250616       | 8003250607         | 80/01/24    | 70-143           |
| 8003250160       | 8003250196         | 80/02/19    | 50-267 Q         | 8003250639       | 8003260031         | 80/03/17    | XPORTRIC         |
| 8003250166       | 8003250117         | 80/01/17    | 50-259 Q         | 8003260043       | 8003260034         | 80/01/28    | CONTRACT         |
| 8003250172       | 8003250117         | 80/01/17    | 50-259 Q         | 8003260063       | 8003260067         | 80/03/13    | FOIA             |
| 8003250175       | 8003250170         | 80/01/08    | 50-275 A         | 8003260101       | 8003260098         | 80/03/17    | FOIA             |
| 8003250179       | 8003250117         | 80/01/17    | 50-259 Q         | 8003260103       | 8003260096         | 80/02/14    | 71-250           |
| 8003250182       | 8003250176         | 80/03/06    | 10CFR            | 8003260107       | 8003260098         | 80/03/17    | FOIA             |
| 8003250190       | 8003250176         | 80/03/06    | 10CFR            | 8003260114       | 8003260098         | 80/03/17    | FOIA             |
| 8003250197       | 8003250187         | 80/03/14    | 50-324 P         | 8003260131       | 8003260112         | 80/03/07    | 50-259 Q         |
| 8003250205       | 8003250187         | 80/03/14    | 50-324 P         | 8003260136       | 8003260098         | 80/03/17    | FOIA             |
| 8003250207       | 8003250204         | 80/02/15    | 50-289 Q         | 8003260144       | 8003260112         | 80/03/07    | 50-259 Q         |
| 8003250210       | 8003250187         | 80/03/14    | 50-324 P         | 8003260146       | 8003260098         | 80/03/17    | FOIA             |
| 8003250212       | 8003250200         | 80/02/08    | 50-348 Q         | 8003260158       | 8003260112         | 80/03/07    | 50-259 Q         |
| 8003250219       | 8003250200         | 80/02/08    | 50-348 Q         | 8003260160       | 8003260098         | 80/03/17    | FOIA             |
| 8003250228       | 8003250217         | 80/02/21    | 50-272 P         | 8003260175       | 8003260112         | 80/03/07    | 50-259 Q         |
| 8003250235       | 8003250217         | 80/02/21    | 50-272 P         | 8003260235       | 8003260224         | 80/02/21    | 50-255 Q         |
| 8003250241       | 8003250201         | 80/02/08    | 50-348 Q         | 8003260336       | 8003260327         | 80/03/04    | 50-2 Q           |
| 8003250250       | 8003250200         | 80/02/08    | 50-348 Q         | 8003260339       | 8003260334         | 80/01/31    | 50-271 Q         |
| 8003250266       | 8003250261         | 80/02/23    | 50-320 P         | 8003260373       | 8003260365         | 80/03/19    | 50-245 P         |
| 8003250274       | 8003250268         | 80/03/05    | 50-317 Q         | 8003260394       | 8003260387         | 80/03/19    | 50-286 P         |
| 8003250281       | 8003250277         | 79/10/24    | 50-454 Q         | 8003260405       | 8003260399         | 80/02/01    | 50-219 Q         |
| 8003250286       | 8003250277         | 79/10/24    | 50-454 Q         | 8003260423       | 8003260414         | 80/02/04    | 50-387 S         |
| 8003250292       | 8003250287         | 80/03/10    | TOPREF           | 8003260482       | 8003260481         | 80/03/04    | REVIEW ORP       |
| 8003250299       | 8003250290         | 80/02/07    | 70-1113          | 8003260486       | 8003260484         | 80/01/21    | SECY             |
| 8003250305       | 8003250290         | 80/02/07    | 70-1113          | 8003260487       | 8003260484         | 80/01/21    | SECY             |
| 8003250309       | 8003250302         | 80/03/17    | 50-344 Q         | 8003260490       | 8003260484         | 80/01/21    | SECY             |
| 8003250315       | 8003250290         | 80/02/07    | 70-1113          | 8003260492       | 8003260484         | 80/01/21    | SECY             |
| 8003250317       | 8003250302         | 80/03/17    | 50-344 Q         | 8003260502       | 8003260494         | 80/03/18    | 50-428 S         |
| 8003250320       | 8003250319         | 79/12/28    | 50-339 A         | 8003260507       | 8003260500         | 80/03/05    | REVIEW ORP       |
| 8003250321       | 8003250290         | 80/02/07    | 70-1113          | 8003260530       | 8003260513         | 80/03/03    | State Prog       |
| 8003250326       | 8003250302         | 80/03/17    | 50-344 Q         | 8003260535       | 8003260532         | 80/03/19    | 50-390 S         |
| 8003250327       | 8003250325         | 80/01/28    | 50-361 A         | 8003260544       | 8003260538         | 80/03/20    | 50-302 S         |
| 8003250333       | 8003250328         | 80/02/27    | 50-445 H         | 8003260555       | 8003260550         | 80/03/17    | 50-321 S         |
| 8003250339       | 8003250328         | 80/02/27    | 50-445 H         | 8003260565       | 8003260561         | 80/03/03    | 50-267 Q         |
| 8003250343       | 8003250290         | 80/02/07    | 70-1113          | 8003260571       | 8003260561         | 80/03/03    | 50-267 Q         |
| 8003250346       | 8003250328         | 80/02/27    | 50-445 H         | 8003260576       | 8003260561         | 80/03/03    | 50-267 Q         |
| 8003250347       | 8003250344         | 80/03/14    | 50-508 A         | 8003260578       | 8003260561         | 80/03/03    | 50-267 Q         |
| 8003250348       | 8003250290         | 80/02/07    | 70-1113          | 8003260579       | 8003260566         | 80/03/19    | 50-260 S         |
| 8003250350       | 8003250302         | 80/03/17    | 50-344 Q         | 8003260594       | 8003260588         | 80/03/06    | 50-312 S         |
| 8003250359       | 8003250355         | 80/02/28    | 50-320 H         | 8003260596       | 8003260591         | 80/03/07    | 50-312 S         |
| 8003250374       | 8003250370         | 80/02/28    | 50-320 H         | 8003260603       | 8003260597         | 80/03/10    | 50-267 P         |
| 8003250375       | 8003250362         | 80/02/28    | 50-413 Q         | 8003260607       | 8003260598         | 80/03/14    | 50-304 S         |
| 8003250376       | 8003250373         | 80/03/18    | 50-445 H         | 8003260608       | 8003260589         | 80/03/21    | 50-305 S         |
| 8003250379       | 8003250362         | 80/02/28    | 50-413 Q         | 8003260611       | 8003260604         | 80/03/19    | 50-219 S         |
| 8003250382       | 8003250371         | 80/02/11    | 50-259 Q         | 8003260615       | 8003260609         | 80/03/18    | 50-213 R         |
| 8003250383       | 8003250362         | 80/02/28    | 50-413 Q         | 8003260616       | 8003260589         | 80/03/21    | 50-305 S         |
| 8003250386       | 8003250384         | 80/02/28    | 50-320 H         | 8003260621       | 8003260589         | 80/03/21    | 50-305 S         |
| 8003250388       | 8003250362         | 80/02/28    | 50-413 Q         | 8003260623       | 8003260617         | 80/03/19    | 50-318 S         |
| 8003250393       | 8003250389         | 80/01/31    | 50-482 S         | 8003260624       | 8003260620         | 80/03/20    | 50-334 S         |
| 8003250397       | 8003250389         | 80/01/31    | 50-482 S         | 8003260625       | 8003260589         | 80/03/21    | 50-305 S         |
| 8003250398       | 8003250097         | 80/02/08    | 50-390 Q         | 8003260632       | 8003260629         | 80/03/17    | 50-272 P         |
| 8003250399       | 8003250395         | 80/03/19    | 50-366 S         | 8003260634       | 8003260631         | 80/03/14    | 50-275 A         |
| 8003250408       | 8003250402         | 80/03/06    | CONTRACT         | 8003260635       | 8003260629         | 80/03/17    | 50-272 P         |
| 8003250409       | 8003250403         | 80/03/20    | 50-263 S         | 8003260636       | 8003260633         | 80/01/08    | 50-335 S         |
| 8003250443       | 8003250441         | 80/03/17    | 50-30 P          | 8003260637       | 8003260630         | 80/03/21    | 50-428 S         |
| 8003250444       | 8003250441         | 80/03/17    | 50-30 P          | 8003260648       | 8003260646         | 80/03/19    | 50-518 S         |
| 8003250446       | 8003250441         | 80/03/17    | 50-30 P          | 8003260656       | 8003260654         | 80/03/06    | 50-275 Q         |
| 8003250448       | 8003250441         | 80/03/17    | 50-30 P          | 8003260659       | 8003260654         | 80/03/06    | 50-275 Q         |
| 8003250455       | 8003250453         | 80/02/27    | 70-364           | 8003270005       | 8003270001         | 80/02/13    | 50-255 Q         |
| 8003250457       | 8003250452         | 80/03/21    | 50-454 K         | 8003270019       | 8003270006         | 80/02/13    | 70-135           |
| 8003250460       | 8003250454         | 80/03/19    | 50-155 S         | 8003270032       | 8003270006         | 80/02/13    | 70-135           |
| 8003250468       | 8003250461         | 80/03/06    | 50-219 H         | 8003270049       | 8003270044         | 80/02/05    | 50-269 Q         |
| 8003250469       | 8003250437         | 80/03/18    | 50-368 R         | 8003270053       | 8003270044         | 80/02/05    | 50-269 Q         |
| 8003250474       | 8003250466         | 80/03/13    | 50-324 S         | 8003270063       | 8003270058         | 80/01/28    | 50-142 P         |
| 8003250486       | 8003250480         | 80/02/28    | 40-8585          | 8003270072       | 8003270068         | 80/02/11    | PR               |
| 8003250494       | 8003250488         | 80/03/19    | 50-320 S         | 8003270084       | 8003270079         | 80/01/30    | 50-272 P         |
| 8003250502       | 8003250498         | 80/03/19    | 50-267 S         | 8003270090       | 8003270079         | 80/01/30    | 50-272 P         |
| 8003250510       | 8003250506         | 80/03/14    | 50-3 R           | 8003270092       | 8003270085         | 80/02/14    | 50-272 P         |
| 8003250531       | 8003250527         | 80/03/17    | 50-293 R         | 8003270095       | 8003270085         | 80/02/14    | 50-272 P         |
| 8003250533       | 8003250528         | 80/03/18    | 50-267 S         | 8003270101       | 8003270096         | 80/02/29    | 40-4492          |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  | ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003270105       | 8003270102         | 80/03/03    | CONTRACT         | 8003280181       | 8003280179         | 80/03/04    | CONTRACT         |
| 8003270113       | 8003270110         | 80/02/20    | 40-1162          | 8003280189       | 8003280187         | 80/03/13    | 50-329 A         |
| 8003270117       | 8003270109         | 80/03/14    | 50-445 M         | 8003280191       | 8003280182         | 80/02/12    | 50-266 Q         |
| 8003270119       | 8003270114         | 80/03/12    | 50-312 T         | 8003280203       | 8003280192         | 80/02/25    | 50-358 Q         |
| 8003270122       | 8003270114         | 80/03/12    | 50-312 T         | 8003280213       | 8003280208         | 80/02/04    | 50-412 Q         |
| 8003270126       | 8003270114         | 80/03/12    | 50-312 T         | 8003280234       | 8003280230         | 80/03/25    | 50-286 P         |
| 8003270128       | 8003270109         | 80/03/14    | 50-445 M         | 8003280237       | 8003280232         | 80/02/28    | 50-344 Q         |
| 8003270130       | 8003270123         | 80/02/08    | QA999            | 8003280245       | 8003280241         | 80/02/12    | 50-305 Q         |
| 8003270131       | 8003270114         | 80/03/12    | 50-312 T         | 8003280248       | 8003280219         | 80/02/04    | 70-135           |
| 8003270137       | 8003270109         | 80/03/14    | 50-445 M         | 8003280261       | 8003280253         | 80/03/03    | 50-334 Q         |
| 8003270139       | 8003270136         | 80/03/18    | 50-280 P         | 8003280265       | 8003280253         | 80/03/03    | 50-334 Q         |
| 8003270140       | 8003270114         | 80/03/12    | 50-312 T         | 8003280269       | 8003280253         | 80/03/03    | 50-334 Q         |
| 8003270141       | 8003270133         | 80/03/04    | 50-320 P         | 8003280273       | 8003280253         | 80/03/03    | 50-334 Q         |
| 8003270143       | 8003270114         | 80/03/12    | 50-312 T         | 8003280276       | 8003280271         | 80/03/21    | 50-302 P         |
| 8003270144       | 8003270136         | 80/03/18    | 50-280 P         | 8003280279       | 8003280253         | 80/03/03    | 50-334 Q         |
| 8003270147       | 8003270109         | 80/03/14    | 50-445 M         | 8003280290       | 8003280283         | 80/03/04    | 50-412 Q         |
| 8003270152       | 8003270136         | 80/03/18    | 50-280 P         | 8003280293       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270154       | 8003270114         | 80/03/12    | 50-312 T         | 8003280296       | 8003280283         | 80/03/04    | 50-412 Q         |
| 8003270157       | 8003270114         | 80/03/12    | 50-312 T         | 8003280297       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270160       | 8003270114         | 80/03/12    | 50-312 T         | 8003280298       | 8003280287         | 80/03/20    | 50-369 F         |
| 8003270163       | 8003270114         | 80/03/12    | 50-312 T         | 8003280301       | 8003280283         | 80/03/04    | 50-412 Q         |
| 8003270165       | 8003270159         | 80/03/10    | CONTRACT         | 8003280302       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270166       | 8003270162         | 80/02/19    | 50-320 P         | 8003280304       | 8003280287         | 80/03/20    | 50-369 F         |
| 8003270168       | 8003270162         | 80/02/19    | 50-320 P         | 8003280306       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270169       | 8003270114         | 80/03/12    | 50-312 T         | 8003280310       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270173       | 8003270114         | 80/03/12    | 50-312 T         | 8003280312       | 8003280283         | 80/03/04    | 50-412 Q         |
| 8003270174       | 8003270114         | 80/03/12    | 50-312 T         | 8003280315       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270178       | 8003270172         | 80/03/07    | 50-309 P         | 8003280318       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270182       | 8003270172         | 80/03/07    | 50-309 P         | 8003280324       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270188       | 8003270172         | 80/03/07    | 50-309 P         | 8003280326       | 8003280322         | 80/02/26    | 40-1341          |
| 8003270201       | 8003270183         | 80/01/28    | 50-400 Q         | 8003280327       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270205       | 8003270204         | 80/03/12    | 50-309 P         | 8003280329       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270209       | 8003270207         | 80/01/24    | 50-344 F         | 8003280330       | 8003280317         | 80/02/29    | XPORTRIC         |
| 8003270213       | 8003270183         | 80/01/28    | 50-400 Q         | 8003280334       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270218       | 8003270215         | 80/03/03    | 50-498 Q         | 8003280338       | 8003280289         | 80/02/28    | 50-289 H         |
| 8003270233       | 8003270226         | 80/03/07    | 50-269 Q         | 8003280344       | 8003280339         | 80/03/06    | 50-470 A         |
| 8003270241       | 8003270226         | 80/03/07    | 50-269 Q         | 8003280353       | 8003280340         | 80/03/03    | CONTRACT         |
| 8003270245       | 8003270240         | 80/01/29    | NUREG            | 8003280358       | 8003280349         | 80/02/11    | 50-10 R          |
| 8003270248       | 8003270246         | 80/02/12    | 50-346 Q         | 8003280363       | 8003280359         | 80/02/21    | CONTRACT         |
| 8003270249       | 8003270226         | 80/03/07    | 50-269 Q         | 8003280371       | 8003280366         | 80/02/21    | 50-286 P         |
| 8003270253       | 8003270246         | 80/02/12    | 50-346 Q         | 8003280377       | 8003280366         | 80/02/21    | 50-286 P         |
| 8003270259       | 8003270226         | 80/03/07    | 50-269 Q         | 8003280379       | 8003280366         | 80/02/21    | 50-286 P         |
| 8003270260       | 8003270252         | 80/01/07    | 50-290 Q         | 8003280389       | 8003280384         | 80/02/22    | 70-8             |
| 8003270282       | 8003270272         | 79/12/19    | 50-324 Q         | 8003280395       | 8003280374         | 80/03/06    | 50-302 P         |
| 8003270284       | 8003270276         | 80/02/26    | State Prog       | 8003280398       | 8003280390         | 80/03/05    | CONTRACT         |
| 8003270288       | 8003270279         | 80/02/12    | 50-382 Q         | 8003280406       | 8003280400         | 80/03/11    | 50-320 H         |
| 8003270296       | 8003270288         | 80/03/11    | 50-261 Q         | 8003280407       | 8003280401         | 80/03/21    | 50-309 P         |
| 8003270298       | 8003270274         | 80/03/18    | State Prog       | 8003280410       | 8003280400         | 80/03/11    | 50-320 H         |
| 8003270301       | 8003270288         | 80/03/11    | 50-261 Q         | 8003280417       | 8003280400         | 80/03/11    | 50-320 H         |
| 8003270309       | 8003270288         | 80/03/11    | 50-261 Q         | 8003280420       | 8003280400         | 80/03/11    | 50-320 H         |
| 8003270315       | 8003270310         | 80/03/24    | 50-280 S         | 8003280427       | 8003280421         | 80/03/24    | 50-206 S         |
| 8003270317       | 8003270288         | 80/03/11    | 50-261 Q         | 8003280433       | 8003280430         | 80/03/18    | 50-206 Q         |
| 8003270327       | 8003270324         | 80/03/21    | 50-293 S         | 8003280435       | 8003280429         | 80/03/18    | 50-278 S         |
| 8003270330       | 8003270323         | 80/02/25    | 70-135           | 8003280437       | 8003280430         | 80/03/18    | 50-206 Q         |
| 8003270335       | 8003270328         | 80/01/22    | QA999            | 8003280438       | 8003280430         | 80/03/18    | 50-206 Q         |
| 8003270336       | 8003270323         | 80/02/23    | 70-135           | 8003280441       | 8003280430         | 80/03/18    | 50-206 Q         |
| 8003270354       | 8003270350         | 80/02/11    | 50-302 Q         | 8003280445       | 8003280430         | 80/03/18    | 50-206 Q         |
| 8003270366       | 8003270365         | 80/03/17    | 71-9086          | 8003280454       | 8003280452         | 80/03/24    | 50-390 S         |
| 8003270370       | 8003270369         | 80/03/24    | 50-269 P         | 8003280458       | 8003280457         | 80/03/25    | 50-170 S         |
| 8003270372       | 8003270371         | 80/03/24    | 50-249 P         | 8003280465       | 8003280462         | 80/03/24    | 50-320 P         |
| 8003270373       | 8003270371         | 80/03/24    | 50-249 P         | 8003280473       | 8003280469         | 80/03/25    | 50-409 Q         |
| 8003270384       | 8003270381         | 80/03/21    | 50-275 F         | 8003280480       | 8003280476         | 80/03/20    | 50-205 S         |
| 8003270387       | 8003270382         | 80/03/21    | 50-334 S         | 8003280492       | 8003280489         | 80/02/14    | 50-482 Q         |
| 8003270391       | 8003270382         | 80/03/21    | 50-334 S         | 8003280496       | 8003280482         | 80/03/20    | 50-346 S         |
| 8003270403       | 8003270399         | 80/01/31    | 50-317 K         | 8003280497       | 8003280491         | 80/03/24    | 50-281 S         |
| 8003270425       | 8003270420         | 80/02/21    | TOPREP           | 8003280505       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003270501       | 8003270496         | 79/07/31    | 50-400 A         | 8003280507       | 8003280504         | 80/03/21    | 50-309 S         |
| 8003270512       | 8003270509         | 80/03/07    | 71-344           | 8003280509       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003270520       | 8003270519         | 80/02/12    | 70-36            | 8003280512       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003280024       | 8003280020         | 80/02/04    | 50-338 Q         | 8003280513       | 8003280510         | 80/03/21    | 50-336 S         |
| 8003280083       | 8003280079         | 80/02/29    | 40-2259          | 8003280518       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003280111       | 8003280108         | 80/02/14    | 50-186 Q         | 8003280521       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003280131       | 8003280129         | 80/03/03    | 71-372           | 8003280522       | 8003280517         | 80/03/19    | 50-245 S         |
| 8003280140       | 8003280134         | 79/12/28    | 70-2718          | 8003280524       | 8003280499         | 80/03/14    | 50-302 Q         |
| 8003280142       | 8003280138         | 80/02/26    | CONTRACT         | 8003280532       | 8003280529         | 80/03/24    | 50-344 Q         |
| 8003280155       | 8003280152         | 80/02/04    | 50-354 Q         | 8003280538       | 8003280508         | 80/03/23    | 50-346 S         |
| 8003280164       | 8003280160         | 80/03/13    | 50-280 Q         | 8003280539       | 8003280534         | 80/02/28    | 50-344 A         |
| 8003280165       | 8003280156         | 80/03/07    | 71-359           | 8003280589       | 8003280582         | 80/02/26    | 50-334 P         |
| 8003280166       | 8003280161         | 80/02/05    | 70-135           | 8003280592       | 8003280582         | 80/02/26    | 50-334 P         |
| 8003280169       | 8003280160         | 80/03/13    | 50-280 Q         | 8003280598       | 8003280595         | 80/03/14    | 71-6206          |

# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

461

| ACCESSION NUMBER |                    |             |                  |   | ACCESSION NUMBER |                    |             |                  |   |
|------------------|--------------------|-------------|------------------|---|------------------|--------------------|-------------|------------------|---|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   | ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |   |
| 8003280599       | 8003280582         | 80/02/26    | 50-334           | P | 8003310122       | 8003310119         | 80/02/15    | 50-358           | Q |
| 8003280602       | 8003280584         | 80/02/29    | 40-8452          |   | 8003310124       | 8003310119         | 80/02/15    | 50-358           | Q |
| 8003280607       | 8003280603         | 80/03/14    | 71-9019          |   | 8003310126       | 8003310123         | 80/03/21    | 50-155           | Q |
| 8003280609       | 8003280584         | 80/02/29    | 40-8452          |   | 8003310129       | 8003310127         | 80/02/21    | 70-371           |   |
| 8003280610       | 8003280578         | 80/01/11    | 71-373           |   | 8003310134       | 8003310132         | 80/02/16    | 50-329           | Q |
| 8003280617       | 8003280584         | 80/02/29    | 40-8452          |   | 8003310139       | 8003310132         | 80/02/16    | 50-329           | Q |
| 8003280621       | 8003280613         | 80/03/05    | 50-219           | Q | 8003310141       | 8003310140         | 80/03/27    | 50-327           | A |
| 8003280624       | 8003280584         | 80/02/29    | 40-8452          |   | 8003310145       | 8003310132         | 80/02/16    | 50-329           | Q |
| 8003280626       | 8003280613         | 80/03/05    | 50-219           | Q | 8003310149       | 8003310144         | 80/03/26    | 50-282           | R |
| 8003280633       | 8003280628         | 80/02/29    | 70-2322          |   | 8003310151       | 8003310146         | 80/03/28    | 50-346           | R |
| 8003280638       | 8003280613         | 80/03/05    | 50-219           | Q | 8003310158       | 8003310156         | 80/02/14    | 71-364           |   |
| 8003280640       | 8003280636         | 80/03/06    | 50-358           | Q | 8003310160       | 8003310157         | 80/03/03    | 50-320           | H |
| 8003280643       | 8003280613         | 80/03/05    | 50-219           | Q | 8003310164       | 8003310161         | 80/03/25    | 50-537           | A |
| 8003280654       | 8003280647         | 80/02/06    | 50-254           | Q | 8003310183       | 8003310180         | 80/01/18    | 70-REF           |   |
| 8003280656       | 8003280648         | 80/03/13    | NA6TE MGT        |   | 8003310189       | 8003310184         | 80/03/20    | 50-265           | P |
| 8003280661       | 8003280659         | 80/02/26    | 71-9036          |   | 8003310191       | 8003310187         | 80/03/26    | 50-263           | R |
| 8003280662       | 8003280653         | 80/03/14    | CONTRACT         |   | 8003310192       | 8003310184         | 80/03/20    | 50-265           | P |
| 8003280663       | 8003280658         | 80/02/19    | MIBC             |   | 8003310193       | 8003310185         | 80/02/18    | 70-824           |   |
| 8003280669       | 8003280664         | 80/02/12    | 50-324           | Q | 8003310196       | 8003310184         | 80/03/20    | 50-265           | P |
| 8003310004       | 8003310003         | 80/03/12    | 50-312           | T | 8003310208       | 8003310203         | 80/03/04    | 50-280           | P |
| 8003310005       | 8003310003         | 80/03/12    | 50-312           | T | 8003310210       | 8003310203         | 80/03/04    | 50-280           | P |
| 8003310007       | 8003310003         | 80/03/12    | 50-312           | T | 8003310214       | 8003310203         | 80/03/04    | 50-280           | P |
| 8003310008       | 8003310006         | 80/03/12    | 50-486           | Q | 8003310220       | 8003310216         | 80/02/29    | 50-315           | P |
| 8003310009       | 8003310003         | 80/03/12    | 50-312           | T | 8003310224       | 8003310216         | 80/02/29    | 50-315           | P |
| 8003310010       | 8003310006         | 80/03/12    | 50-486           | Q | 8003310226       | 8003310216         | 80/02/29    | 50-315           | P |
| 8003310012       | 8003310003         | 80/03/12    | 50-312           | T | 8003310232       | 8003310230         | 80/01/31    | 50-458           | Q |
| 8003310015       | 8003310003         | 80/03/12    | 50-312           | T | 8003310237       | 8003310230         | 80/01/31    | 50-458           | Q |
| 8003310017       | 8003310013         | 80/03/11    | 50-397           | T | 8003310243       | 8003310239         | 80/03/27    | 50-338           | P |
| 8003310018       | 8003310014         | 80/01/16    | 50-424           | Q | 8003310251       | 8003310249         | 80/02/15    | 50-445           | Q |
| 8003310019       | 8003310003         | 80/03/12    | 50-312           | T | 8003310257       | 8003310253         | 80/02/05    | 50-327           | Q |
| 8003310020       | 8003310014         | 80/01/16    | 50-424           | Q | 8003310258       | 8003310256         | 80/03/25    | 50-263           | R |
| 8003310023       | 8003310014         | 80/01/16    | 50-424           | Q | 8003310259       | 8003310257         | 80/03/24    | 50-400           | Q |
| 8003310024       | 8003310003         | 80/03/12    | 50-312           | T | 8003310263       | 8003310260         | 80/02/03    | 70-27            |   |
| 8003310026       | 8003310014         | 80/01/16    | 50-424           | Q | 8003310266       | 8003310265         | 80/02/06    | 50-332           | Q |
| 8003310028       | 8003310003         | 80/03/12    | 50-312           | T | 8003310274       | 8003310271         | 80/02/07    | 70-925           |   |
| 8003310029       | 8003310027         | 80/02/27    | 50-289           | Q | 8003310277       | 8003310275         | 80/03/28    | 50-289           | P |
| 8003310030       | 8003310003         | 80/03/12    | 50-312           | T | 8003310278       | 8003310276         | 80/03/25    | 50-213           | S |
| 8003310031       | 8003310003         | 80/03/12    | 50-312           | T | 8003310281       | 8003310280         | 80/03/18    | 50-220           | S |
| 8003310034       | 8003310003         | 80/03/12    | 50-312           | T | 8003310282       | 8003310275         | 80/03/28    | 50-289           | P |
| 8003310035       | 8003310033         | 80/03/03    | 50-320           | H | 8003310284       | 8003310279         | 80/03/24    | 50-320           | S |
| 8003310036       | 8003310032         | 80/03/26    | 50-445           | H | 8003310287       | 8003310275         | 80/03/28    | 50-289           | P |
| 8003310037       | 8003310003         | 80/03/12    | 50-312           | T | 8003310289       | 8003310285         | 80/03/17    | 50-251           | S |
| 8003310038       | 8003310003         | 80/03/12    | 50-312           | T | 8003310290       | 8003310275         | 80/03/28    | 50-289           | P |
| 8003310040       | 8003310003         | 80/03/12    | 50-312           | T | 8003310292       | 8003310286         | 80/03/24    | 50-325           | S |
| 8003310041       | 8003310027         | 80/02/27    | 50-289           | Q | 8003310294       | 8003310291         | 80/03/24    | 50-331           | S |
| 8003310042       | 8003310032         | 80/03/26    | 50-445           | H | 8003310299       | 8003310296         | 80/03/17    | 50-271           | P |
| 8003310045       | 8003310043         | 80/03/03    | 50-295           | Q | 8003310299       | 8003310295         | 80/03/19    | 50-335           | S |
| 8003310046       | 8003310044         | 80/02/14    | 71-244           |   | 8003310305       | 8003310300         | 80/03/13    | 50-250           | S |
| 8003310050       | 8003310039         | 80/02/28    | 50-320           | H | 8003310306       | 8003310302         | 80/03/24    | 50-309           | S |
| 8003310052       | 8003310047         | 80/03/24    | FOIA             |   | 8003310307       | 8003310301         | 80/03/27    | 50-338           | S |
| 8003310053       | 8003310047         | 80/03/24    | FOIA             |   | 8003310312       | 8003310308         | 80/03/28    | 50-327           | P |
| 8003310055       | 8003310047         | 80/03/24    | FOIA             |   | 8003310313       | 8003310310         | 80/03/21    | 50-220           | S |
| 8003310057       | 8003310047         | 80/03/24    | FOIA             |   | 8003310316       | 8003310311         | 80/03/24    | 50-305           | S |
| 8003310059       | 8003310054         | 80/02/25    | 50-255           | F | 8003310317       | 8003310309         | 80/03/17    | 50-335           | S |
| 8003310060       | 8003310056         | 80/02/28    | 50-320           | H | 8003310319       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310061       | 8003310047         | 80/03/24    | FOIA             |   | 8003310322       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310066       | 8003310047         | 80/03/24    | FOIA             |   | 8003310323       | 8003310320         | 80/03/19    | 50-335           | S |
| 8003310070       | 8003310047         | 80/03/24    | FOIA             |   | 8003310326       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310073       | 8003310047         | 80/03/24    | FOIA             |   | 8003310327       | 8003310324         | 80/03/25    | 50-334           | R |
| 8003310075       | 8003310072         | 80/02/15    | 50-320           | H | 8003310330       | 8003310325         | 80/03/17    | 50-251           | S |
| 8003310076       | 8003310047         | 80/03/24    | FOIA             |   | 8003310332       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310077       | 8003310047         | 80/03/24    | FOIA             |   | 8003310334       | 8003310328         | 80/03/25    | 50-267           | S |
| 8003310080       | 8003310047         | 80/03/24    | FOIA             |   | 8003310336       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310081       | 8003310078         | 80/03/12    | 50-321           | Q | 8003310337       | 8003310333         | 80/03/25    | 50-213           | S |
| 8003310083       | 8003310047         | 80/03/24    | FOIA             |   | 8003310340       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310086       | 8003310078         | 80/03/12    | 50-321           | Q | 8003310343       | 8003310338         | 80/03/25    | 50-302           | S |
| 8003310088       | 8003310078         | 80/03/12    | 50-321           | Q | 8003310344       | 8003310342         | 80/03/06    | 080              |   |
| 8003310091       | 8003310078         | 80/03/12    | 50-321           | Q | 8003310347       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310097       | 8003310094         | 80/03/10    | GA799            |   | 8003310350       | 8003310348         | 80/03/24    | 50-325           | S |
| 8003310098       | 8003310094         | 80/03/10    | GA799            |   | 8003310353       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310101       | 8003310090         | 80/03/03    | FOIA             |   | 8003310357       | 8003310352         | 80/01/24    | 8ECY             |   |
| 8003310102       | 8003310094         | 80/03/10    | GA799            |   | 8003310358       | 8003310351         | 80/03/18    | 50-267           | S |
| 8003310104       | 8003310094         | 80/03/10    | GA799            |   | 8003310360       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310105       | 8003310090         | 80/03/03    | 50-266           | H | 8003310361       | 8003310261         | 80/02/08    | 71-374           |   |
| 8003310110       | 8003310106         | 80/02/26    | 50-461           | Q | 8003310362       | 8003310358         | 80/03/26    | 50-263           | S |
| 8003310111       | 8003310090         | 80/03/03    | FOIA             |   | 8003310365       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310113       | 8003310109         | 80/03/04    | 50-280           | P | 8003310367       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310114       | 8003310106         | 80/02/26    | 50-461           | Q | 8003310369       | 8003310364         | 80/03/11    | 50-424           | Q |
| 8003310116       | 8003310109         | 80/03/04    | 50-280           | P | 8003310374       | 8003310314         | 80/03/28    | 50-416           | K |
| 8003310120       | 8003310109         | 80/03/04    | 50-280           | P | 8003310375       | 8003310371         | 80/03/21    | 50-348           | S |



# CROSS REFERENCE OF ENCLOSURES TO PRINCIPAL DOCUMENTS

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003310376       | 8003310364         | 80/03/11    | 50-424 Q         |
| 8003310377       | 8003310372         | 80/03/27    | 50-271 I         |
| 8003310378       | 8003310373         | 80/03/18    | 50-267 S         |
| 8003310387       | 8003310381         | 80/02/06    | 50-438 Q         |
| 8003310389       | 8003310384         | 80/01/21    | 70-2479          |
| 8003310390       | 8003310382         | 80/02/28    | 50-368 S         |
| 8003310398       | 8003310393         | 80/01/18    | 50-348 Q         |
| 8003310403       | 8003310394         | 80/01/15    | CONTRACT         |
| 8003310404       | 8003310399         | 80/03/03    | WASTE MGT        |
| 8003310409       | 8003310400         | 80/02/14    | 50-155 Q         |
| 8003310413       | 8003310410         | 80/03/03    | NUREG            |
| 8003310418       | 8003310410         | 80/03/03    | NUREG            |
| 8003310420       | 8003310412         | 80/03/03    | 40-215           |
| 8003310422       | 8003310414         | 80/02/13    | 50-295 Q         |
| 8003310423       | 8003310410         | 80/03/03    | NUREG            |

| ACCESSION NUMBER |                    |             |                  |
|------------------|--------------------|-------------|------------------|
| ENCLOSURE        | PRINCIPAL DOCUMENT | DATE ISSUED | SUBJECT CATEGORY |
| 8003310424       | 8003310402         | 80/03/10    | 50-280 Q         |
| 8003310429       | 8003310410         | 80/03/03    | NUREG            |
| 8003310431       | 8003310402         | 80/03/10    | 50-280 Q         |
| 8003310436       | 8003310402         | 80/03/10    | 50-280 Q         |
| 8003310441       | 8003310437         | 80/02/12    | PRQJ             |
| 8003310445       | 8003310402         | 80/03/10    | 50-280 Q         |
| 8003310449       | 8003310444         | 80/03/03    | 50-320 H         |
| 8003310452       | 8003310440         | 80/02/13    | 50-254 Q         |
| 8003310454       | 8003310448         | 80/02/18    | 71-6400          |
| 8003310468       | 8003310460         | 80/02/16    | 50-266 Q         |
| 8003310471       | 8003310465         | 80/03/20    | 50-320 H         |
| 8003310474       | 8003310467         | 80/02/14    | MISC             |
| 8003310475       | 8003310462         | 80/02/19    | CONTRACT         |
| 8003310487       | 8003310480         | 80/02/05    | 50-255 Q         |
| 8003310490       | 8003310482         | 80/02/22    | CONTRACT         |

## **APPENDIX A**

### **DEFINITIONS OF DOCKET 50 CATEGORIES**

#### **A. APPLICATION/CONSTRUCTION STAGE DOCUMENTS AND CORRESPONDENCE**

This category follows the application from submission to the day preceding the issuance of an operating license. It includes all correspondence and documents with substantive technical content that do not fall into other specific categories. Included are:

1. Application for construction permit.
2. General Information submitted with construction permit application.
3. Amendments and changes to items 1 and 2.
4. NRC questions, requests for additional information, and applicant responses.
5. Correspondence and documents relating to unresolved design and construction issues.
6. Meeting announcements and summaries of meeting discussions on issues of item 5.
7. Correspondence regarding the Preliminary Safety Analysis Report (PSAR).
8. Information on laws and changes in regulations or policy that affect the status of the application (NEPA, Water Quality Improvement Act, Water Pollution Control Act, etc.).
9. Construction Permit, amendments, and correspondence relating to the construction permit.
10. Scheduling of license application submission or review.
11. Environmental review information.
12. Application for operating license.
13. General Information submitted with operating license application.
14. Amendments and changes to items 12 and 13.
15. Correspondence regarding the Final Safety Analysis Report (FSAR).
16. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; not covered by an IE Bulletin.
17. Reports of site visits.
18. Backup technical documents (e.g., topical reports) submitted in support of the application.

#### **B. UTILITY PRELIMINARY SAFETY ANALYSIS REPORT (PSAR) AND AMENDMENTS**

This category is strictly limited to the items listed below. All related correspondence is filed in Category A.

1. Preliminary Safety Analysis Report (PSAR) submitted by utility (formerly called Hazards Summary Report or Safety Analysis Report).
2. Amendments and changes to the PSAR.

3. Transmittal and acknowledgement letters.
4. Certificates of service to the PSAR.

#### **C. UTILITY ENVIRONMENTAL REPORT (ER), AMENDMENTS AND CORRESPONDENCE**

This category is strictly limited to the items listed below. Other environmental documents and correspondence are filed in Categories A, D, M, P or R.

1. Environmental Report (ER) submitted by the utility.
2. Amendments and supplements to the ER.
3. Transmittal and acknowledgement letters.
4. Information on scheduling of submittal or review of ER.
5. NRC questions, requests for additional information, and applicant responses.
6. Federal register notices citing the availability of items 1 and 2.
7. Correspondence relating to the review of ER.
8. Meeting announcements or reports of meetings where the primary subject of discussion is the ER.

#### **D. NRC DRAFT AND FINAL ENVIRONMENTAL (IMPACT) STATEMENTS (DES AND FES), SUPPLEMENTS AND CORRESPONDENCE**

This category is strictly limited to the items listed below. Other environmental documents and correspondence are in categories A, C, M, P or R.

1. Draft and Final Environmental (Impact) Statements (DES and FES) prepared by the NRC.
2. Supplements to the DES and FES.
3. Correspondence relating to the DES and FES.
4. Comments from other federal, state and local government agencies.
5. Transmittal and acknowledgement letters.
6. Documents related to NRC review of environmental issues or of ER obtained for purposes of writing the environmental statements.
7. Backup technical documents submitted in connection with above.
8. Federal register notice citing availability of items 1 and 2.
9. Site visits to obtain information for DES or FES.
10. Meeting announcements or reports of meetings where the primary subject of discussion is the DES or FES.

#### **E. NRC SAFETY EVALUATION REPORT (SER), SUPPLEMENTS AND CORRESPONDENCE**

This category is strictly limited to the items listed below. Other documents dealing with safety related issues are filed in categories A, P or W, depending on the phase of the licensing process.

1. Safety Evaluation Report (SER) prepared by the NRC (formerly called NRC-AEC Hazard Analysis Report).
2. Supplements to SER.
3. Correspondence relating to SER.
4. Federal register notices citing availability of items 1 and 2.
5. Information on scheduling of SER submittals and review.
6. Requests for additional information for use in preparing SER; responses to such requests.
7. Meeting announcements or reports of meetings where the primary subject of discussion is the SER.
8. Transmittal and acknowledgement letters.

#### **F. SECURITY, MEDICAL, EMERGENCY AND FIRE PROTECTION PLANS**

All plans in this category are individual submissions. Information submitted as part of the PSAR or FSAR is excluded.

1. Fire Hazard Protection Plan and surveys.
2. Plant evacuation correspondence.
3. Safeguards Contingency Plans.
4. Review of Health Physics Program.
5. Correspondence relating to aforementioned plans.
6. Supplements, changes and revisions to plans.

#### **G. LEGAL AND ADJUDICATORY CORRESPONDENCE**

This category contains all non-antitrust legal and adjudicatory documentation, except for transcripts, briefings and testimony, which are filed in category T.

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) hearing related documents.
2. Federal register notices regarding hearings.
3. Requests to make appearances at hearings.
4. Motions, briefs, arguments, statements and related correspondence filed by participants for hearings.
5. Transmittal of supporting documents (e.g., SER, FES) to the boards.
6. Correspondence to and from intervenors.
7. Board orders and decisions.
8. Petitions for Commission action.
9. Legal filings and Commission orders and decisions resulting from item 8.

## **H. GENERAL CORRESPONDENCE**

This category includes documents with little or no bearing on the status of the application or license. Items that have no substantive technical content or meaning for the status of the license or application are included.

1. Change of address notifications.
2. Changes in structure of organization.
3. Changes in service lists.
4. NRC requests to applicant for additional copies of documents.
5. Correspondence from the public requesting information about the facility and NRC responses.
6. Correspondence on strictly administrative matters.
7. Letters of support, concern or opposition to the facility.
8. Correspondence regarding the Local Public Document Rooms (LPDRs).
9. Professional qualification statements not pertaining to the hearing process.

## **I. FINANCIAL INFORMATION**

This category contains all financial information except that submitted as part of the application or its amendments or relating to the imposition of civil penalties.

1. Company annual reports.
2. Separately submitted financial information and related correspondence.

## **J. INSURANCE AND INDEMNITY INFORMATION**

1. Indemnity agreements and amendments.
2. Endorsements insurance policies.
3. Other correspondence regarding indemnity and insurance matters.

## **K. UTILITY FINAL SAFETY ANALYSIS REPORT (FSAR) AND AMENDMENTS**

This category is strictly limited to the items listed below. All related correspondence falls in category A or P.

1. Final Safety Analysis Report (FSAR) (formerly called Final Hazards Summary Report).
2. Amendments and changes to the FSAR.
3. Federal register notices citing availability of items 1 and 2.
4. Transmittal and acknowledgement letters.
5. Certificates of service to the FSAR.

#### **L. LIMITED WORK AUTHORIZATION (LWA) AND RELATED CORRESPONDENCE**

This category is limited to documents pertaining to Limited Work Authorizations (LWA) whereby applicants can carry out limited site preparation and construction prior to the granting of a construction permit.

1. Limited Work Authorizations (LWA) and amendments.
2. Correspondence pertaining to work performed under LWA's.

#### **M. ANTITRUST REVIEW AND ANTITRUST CORRESPONDENCE**

1. Document submitted as part of the applications for a construction permit and operating license entitled "Information Requested by the Attorney General for Antitrust Review".
2. Correspondence where the primary topic of discussion is antitrust matters.
3. All antitrust proceeding related documents except for hearing transcripts, testimony and briefings, which are filed in category N.

#### **N. ANTITRUST HEARING TRANSCRIPTS, TESTIMONY AND BRIEFINGS**

This category contains word-for-word transcripts of hearings, testimony and briefings in antitrust matters. Related correspondence falls in category M.

#### **O. ADVISORY COMMITTEE ON REACTOR SAFEGUARDS (ACRS) REPORTS AND CORRESPONDENCE**

1. Correspondence and letter reports relating to Advisory Committee on Reactor Safeguards (ACRS) reviews.
2. Correspondence from ACRS.
3. Announcement of ACRS meetings.
4. Transmittal and acknowledgement letters.
5. ACRS reports.
6. Statements and written testimony by ACRS members or presented by individuals at ACRS proceedings.
7. Minutes at ACRS Subcommittee Meetings.

#### **P. OPERATING LICENSE STAGE DOCUMENTS AND CORRESPONDENCE**

This file assumes the position of the Application/Construction Stage (category A) file for general technical items dated from the issuance of the operating license to the application for termination of the license.

1. Operating license, amendments, proposed amendments, changes and related correspondence.
2. Technical specifications and changes.

3. Backup technical documents (e.g., topical reports) submitted in support of items 1 and 2.
4. Federal register notices citing availability of items 1 and 2.
5. Correspondence regarding the Final Safety Analysis Report (FSAR).
6. All general technical correspondence, meeting announcements or meeting summaries relating to technical specifications, the operating license or technical issues arising after the issuance of the operating license.
7. Correspondence regarding codes (e.g., ASME), regulations, laws or changes in policy that may affect plant operation or bear on the operating license.
8. Information on the Standard Review Plan (STP).
9. Results of surveys or tests conducted in accordance with the technical specifications (not periodic reports, which fall in category R).
10. Correspondence relating to NRC's Systematic Evaluation Program (SEP).
11. Owner's group meeting announcements and reports.
12. Quality assurance information.
13. Environmental matters (technical).
14. Emergency core cooling system documents.
15. Radioactive waste information.
16. Correspondence regarding expansion of spent fuel storage pool.
17. Start-up test reports.
18. Correspondence and documentation on generic technical matters highlighted by an event at another facility which may affect the subject facility; not covered by an IE Bulletin.
19. Reports of site visits.

**Q. INSPECTION REPORTS; IE BULLETINS, CIRCULARS AND INFORMATION NOTICES; CIVIL PENALTIES AND RELATED CORRESPONDENCE**

1. Inspection reports.
2. IE Bulletins (formerly called Regulatory Operations (RO) Bulletins), Circulars and Information Notices.
3. Responses by applicant to IE correspondence.
4. Applicant's determination of proprietary nature of inspection reports.
5. Letters concerning areas of noncompliance.
6. Pre-service and in-service inspections and procedures.
7. Correspondence and orders relating to imposition and payment of civil penalties, including Notification of Significant Enforcement Actions (EN's).
8. Any correspondence relating to inspection and enforcements that does not specifically relate to incidents or events as defined in category S.

## **R. PERIODIC OPERATING REPORTS AND RELATED CORRESPONDENCE**

This category includes periodic reports of a routine nature

1. Monthly, semiannual, or annual operating reports (other than financial).
2. Periodic environmental monitoring, effluent testing, or similar reports.
3. Periodic personnel exposure reports.
4. Operational Logbooks:
  - Logbooks on Environmental Data
  - Logbooks on Radiological Data
  - Operations Log on Plant Systems Core
  - Plant Status Summary Sheets.
5. Correspondence or other documents relating to the above listed items.

## **S. REPORTABLE OCCURRENCES, PNO'S, PNS'S AND RELATED CORRESPONDENCE**

This category contains all materials relating to abnormal, unusual, reportable or nonroutine occurrences or events. This includes:

1. All 24-hour, 10-day, 30-day, interim and final Licensee Event Reports (LER's) and follow-up correspondence (also called incident reports, abnormal occurrence reports and reportable occurrences).
2. Potential or possible reportable deficiency reports and related correspondence.
3. Personnel exposure reports.
4. Construction deficiency reports submitted under 10 CFR 50.55e.
5. Preliminary Notification of Occurrence (PNO's) and Preliminary Notification of Safeguards Events (PN's).
6. Environmental Technical Specifications violation reports and Environmental Event reports.
7. Part 21 Reports of defects and noncompliance.
8. Correspondence or other documents relating to items 1-7.

## **T. TRANSCRIPTS, TESTIMONY AND BRIEFINGS ON NON-ANTITRUST MATTERS**

This category contains all word-for-word transcripts, except for antitrust matters (category N), testimony and briefings, and congressional matters (category U).

1. Atomic Safety and Licensing Board (ASLB) and Atomic Safety and Licensing Appeal Board (ASLAB) transcripts.
2. Testimony and statements submitted to ASLB and ASLAB.
3. Commission meeting transcripts.
4. NRC staff briefings to the Commission.
5. Statements and written testimony submitted at Commission meeting or hearings.
6. Transcripts of utility briefs to NRC staff.
7. Advisory Committee on Reactor Safeguards (ACRS) meeting transcripts.



8. Corrections to above items.

#### **U. CONGRESSIONAL/EXECUTIVE CORRESPONDENCE**

This category contains correspondence on substantive matters. Routine responses to constituent inquiries are filed in category H.

1. Statements and testimony before Congress or before bodies/committees appointed by the Executive or Legislative Branches.
2. Preparatory and backup documents for item 1.
3. Correspondence to and from NRC Office of Congressional Affairs, Congress and the Executive Branch on other than constituent response matters.

#### **V. LICENSING OPERATORS AND RELATED CORRESPONDENCE**

1. Operator licenses or administrative information bearing on licensing of operators.
2. NRC examination results.
3. Power plant examination summary sheet.

#### **W. DECOMMISSIONING STAGE DOCUMENTS AND CORRESPONDENCE**

This file assumes the position of the Operating License Stage (category P) file for general technical items from the application for termination of the operating license onward.

1. Application for authority to voluntarily surrender license.
2. Application to dismantle the facility and dispose of component parts.
3. Technical documents submitted in support of items 1 and 2, such as: Decommissioning Plan, Dismantling Plan, Environmental Report on Dismantling, Safety Analysis Report on Decommissioning.
4. Documents relating to disposal of radioactive material and decontamination of the site.
5. Other correspondence relating to above items.
6. All documentation relating to the ongoing operation of the plan, formerly filed in category P.

## APPENDIX B

### DEFINITIONS OF NONDOCKETED CATEGORIES

#### **10CFR – Commission Meeting Records**

This category contains documentation pertaining to open and closed Commission meetings. It includes:

1. Sunshine Act Federal Register notices.
2. Full, written explanation of closed meetings.
3. Certification of General Counsel on closed meetings.
4. Commission Determination Statements regarding the public disclosure of transcripts of Commission meetings.
5. Verbatim unofficial and official transcripts or portions of transcripts of open and closed Commission meetings made publicly available in accordance with provisions of 10CFR Part 9, the Sunshine Act, and Commission policies.
6. Enclosures to released transcripts, including applicable viewgraphs, staff papers, and staff correspondence.
7. Staff requirements memoranda for open meetings; memoranda to record; record of votes of Commissioners on items under consideration at meetings.

#### **ACRS – Advisory Committee on Reactor Safeguards**

This category contains documentation pertaining to the responsibilities of the Advisory Committee on Reactor Safeguards. ACRS serves as an independent advisory committee to the Commission in safety-related areas. The committee provides advice with respect to the hazards of new or existing nuclear facilities and the adequacy of related safety standards. The documents in this category are:

1. Verbatim transcripts of ACRS subcommittee and full committee meetings relating to facility license applications and safety-related matters.
2. ACRS meeting announcements; description of meeting agendas.
3. ACRS-generated reports, memoranda and correspondence that are publicly available.
4. ACRS consultant reports, comments and related correspondence.
5. ACRS and NRC technical correspondence pertaining to safety matters under review by the Advisory Committee on Reactor Safeguards.

#### **COMMISSION – NRC Commissioners**

This category contains documentation pertaining to the daily conduct of Commission business in the Office of the Commissioners, including:

1. Incoming and outgoing correspondence to and from the Commissioners relating to official NRC business, including reports and other enclosures.

2. Travel vouchers, telephone logs and official appointment calendars of individual Commissioners.
3. Weekly Information Reports (SECY series number) prepared by the Executive Director for Operations (EDO) for the Commissioners, providing a summary of key events and items of interest undertaken by individual staff and program offices.

NOTE: For transcripts of Commission meetings, see 10CFR category. For all other staff papers with a SECY series designation prepared for Commission review, see SECY category.

#### **CONTRACT – NRC Contracts and Modifications**

This category contains documentation pertaining to AEC and NRC contracts and Interagency Agreements, including.

1. Notifications of issuance of request for proposal (RFP) and invitations for bid (IFB).
2. Solicitations (RFP or IFB) issued by the NRC.
3. Notifications of contract execution, specifying contract number, project title, contractor name, contract type, funding, and period of performance.
4. Contractual documents and contract modifications, if any.

#### **FOIA – Freedom of Information Act Requests and Releases**

This category contains requests for agency records and records released in accordance with the provisions of the Freedom of Information Act (FOIA). Documents in this category include:

1. Requests made by any member of the public (assigned an identifying number YY-NNN for last two digits of the year—numerical sequence) for NRC records made in accordance with the provisions of the Freedom of Information Act.
2. Correspondence between the NRC and the requester relevant to the processing, appeal, denial or granting of an FOIA request.
3. Records or portions of records released in response to specific requests made under FOIA.

#### **GEN TECH IS – Generic Technical Issues**

This category contains records pertaining to unresolved safety issues of a generic nature that are being analyzed by the Division of Nuclear Reactor Regulation.

1. Draft reports of action plans to accomplish generic tasks in the regulatory program.
2. Correspondence with industry and internal correspondence regarding the methodologies, analyses, and programmatic and technical aspects of issues.
3. Meeting notifications and minutes.
4. Interim findings and status reports on generic tasks addressing related aspects of generic technical issues.

## **I&E – Inspection and Enforcement**

This category contains bulletins, circulars and information notices that are issued by the Office of Inspection and Enforcement. These issuances describe particular events that occur at a facility that may require some follow-up action on the part of licensees. Also included in this category are preliminary notifications of events (PNOs).

1. I&E Circulars, which describe an event at a licensed facility and are informational in nature.
2. I&E Information Notices, which are similar to circulars but are preliminary in nature and issued shortly after an event has occurred.
3. I&E Bulletins, which describe an event at a licensed facility and request all recipients to perform certain actions as a result of this event.
4. Preliminary Notifications of Events (PNOs), which provide updated information of an event of safety or public interest significance.

NOTE: For letters forwarding the above issuances, utility responses to such issuances, and related correspondence, see Category Q of individual docket categories.

## **MISC – Public Document Room Miscellaneous**

This category contains documents that do not fall into the scope of the other nondocketed categories.

## **NUREG – NUREG Reports and Related Correspondence**

These documents are formal reports issued by the U.S. Nuclear Regulatory Commission which carry the NUREG series code and correspondence pertaining to those reports. NUREG reports are accounts of work performed either by the NRC staff or by NRC contractors.

1. These reports are normally final work products and are characterized by the following criteria:
  - a. They are predecisional documents which present information to be considered in Commission licensing and policy decisions.
  - b. They present the results of Commission licensing and policy decisions.
  - c. They present the results of technical research conducted for the Commission.
2. Correspondence from industry, government and interested members of the public commenting on reports or requesting clarification or interpretation.
3. Internal NRC memoranda summarizing meetings or discussions pertaining to the content of the reports.

## **ORG – Correspondence with Other Organizations**

This category contains correspondence with professional organizations and associations; records other than Regulatory Guides that pertain to the activities of NRC's Office of Standards Development; and emergency petitions not assigned Petition for Rulemaking (PRM) numbers that request the Commission to take immediate action on some issue. Included are:

1. Meeting summaries and technical correspondence between NRC and professional associations and international bodies, such as the Atomic Industrial Forum and the International Atomic Energy Agency.

2. Correspondence between NRC's Office of Standards Development and other government agencies in which both parties have joint regulatory responsibility; e.g., EPA has authority to control all radioactive pollutants emitted into the air.
3. Internal memoranda, correspondence between NRC and Congress, and other technical correspondence dealing with the role and activities of the Office of Standards Development.
4. Statements, motions, orders and correspondence dealing with emergency petitions filed by parties on such topics as fire protection and re-analysis of the capacity of operating U.S. plants to withstand earthquakes.

NOTE: For Regulatory Guides and comments to Regulatory Guides issued by the NRC Office of Standards Development, see the REGGD category.

For petitions for rule makings filed by the public to amend, rescind or change an NRC regulation, see the PRM category.

#### **PR – Proposed Rule**

This category contains records dealing with NRC staff proposals to adopt, amend or repeal a Commission regulation. Proposed Rules (PRs) are normally the result of a Commission determination that sufficient grounds exist for it to proceed with a petition for change in an NRC regulation (PRM) filed by an outside party or person. The documents in this category are:

1. Federal Register notices stating the terms or substance of the proposed rule or a specification of the subject and issues involved.
2. Text of the Proposed Rule (PR).
3. Comments, statements, information, opinions or arguments on the proposed change to a part of the Code of Federal Regulations, Title 10.
4. Requests from the nuclear industry, organizations and other parties for written interpretations of the PR.

#### **PRM – Petition for Rulemaking**

This category contains records dealing with petitions filed with the Commission by an outside party to issue, amend or rescind an NRC regulation. Included are:

1. Petitions filed by any interested person or party to issue, amend or rescind an NRC regulation.
2. Federal Register cause notices of the filing of the petition.
3. Correspondence between NRC and the petitioner regarding the status and substance of the petition.
4. Comments from the nuclear industry, professional associations, public interest groups and others in favor of or in opposition to the PRM.

NOTE: For staff recommendations to the Commissioners on whether the PRM should be denied or issued as a Proposed Rule, see the SECY category.

For Commission review of staff recommendations, see the 10CFR category.

## PROJ – Projects–Predocket Licensing

This category contains records pertaining to two classes of projects: (1) commercial nuclear power plants for which NRC has full licensing responsibilities; and (2) government-owned reactors for which NRC provides technical expertise and occasional review. Both classes are identified with a "P" prefix, followed by a series of numbers.

### 1. "Pre-docketed" commercial nuclear power plants

This category contains all documentation up until the time that the NRC considers the application and the Preliminary Safety Analysis Report (PSAR) is submitted by the utility for staff review. The unit is then assigned a docket number, and transferred to the Docket 50 category.

These documents are grouped together in categories, designated by alphabetic characters. These are the same categories as those used for the Docket 50 series.

#### A. Application/Construction Stage

1. Application submitted by the utility.
2. Meeting notices, summaries and correspondence discussing the completeness and adequacy of the PSAR.
3. Applicant's Quality Assurance Manual.
4. Early site review information.
5. Backup technical documents submitted in support of the application.
6. Early site visits.

#### B. Utility PSAR and Amendments

1. PSARs submitted by the utility.
2. Amendments and changes to the PSAR.
3. Transmittal letters.
4. Letters acknowledging receipt of the PSAR.

#### G. Adjudicatory Correspondence

1. Motions, briefs, orders, *et al.* pertaining to pre-hearing conferences, if any.

#### M. Antitrust Correspondence

1. Submittals and related material pertaining to the antitrust review.

#### Q. Inspection Reports

1. Inspection reports of the applicant's quality assurance program.
2. Notices of deviations.
3. Follow-up correspondence resolving deviations cited.

### 2. Government-owned reactors

Meeting summaries and technical correspondence between NRC and other government technical personnel related to test reactors, critical experiments, and DOD reactors on navy ships and other sites.

## **PT21 — Noncompliance Reports and Related Correspondence**

Deficiency reports are performed in compliance with Part 21 of Title 10 of the Code of Federal Regulations and include:

1. Reports by firms involved in the nuclear industry concerning noncompliance with NRC regulations or the existence of defects which could create a substantial safety hazard.
2. Correspondence pertaining to the NRC review of reports to assess the possibility of generic defects.
3. NRC inspection reports of defects cited.
4. Correspondence specifying appropriate follow-up actions taken by the Agency.

## **QA999 — Quality Assurance Inspections**

This category contains inspection reports of vendors' quality assurance programs and follow-up correspondence. Each vendor facility is assigned a docket number and is part of the QA999 series.

Vendors are defined here as companies, both U.S. and foreign, that are engaged in the design or the manufacture of nuclear components for plants licensed by NRC. QA comprises all those planned and systematic actions necessary to provide adequate confidence that a structure, system or component being manufactured will perform satisfactorily once it is put in service. The controlling criteria are 10 CFR Part 50, Appendix B, vendor QA topical reports, and the PSAR and FSAR submitted by utilities for specific facilities. Documents in this category include:

1. NRC inspection reports, conducted on a quarterly or semi-annual basis, of vendor sites. Inspections may cover the design, fabrication, construction and testing of structural systems and components.
2. Notices of deviations.
3. Vendor corrective actions and other follow-up correspondence associated with the resolution of inspection findings.

## **REGGD — Regulatory Guides**

This category contains new and revised regulatory guides issued by the Commission and related correspondence. These guides describe for the industry and the public methods acceptable to the NRC staff for implementing specific parts of the NRC's regulations. They also delineate techniques used by the staff in evaluating specific problems or postulated accidents, or provide guidance to applicants. Included are:

1. Federal Register notices announcing the issuance and availability of a proposed regulatory guide.
2. Revised or newly issued Regulatory Guides.
3. NRC value/impact assessment and industry codes, when applicable, that pertain to the issuance of a specific Regulatory Guide.
4. Comments submitted by the nuclear industry and interested members of the public regarding a proposed Regulatory Guide.
5. Summary of meetings held in the NRC to discuss proposed Regulatory Guides.

NOTE: For documentation pertaining to other work products and activities of the NRC Office of Standards Development, see the Organization category.

## **RES – Research and Technical Assistance Reports**

This category contains reports, generally of an interim nature, submitted by NRC contractors providing research and technical assistance to the Commission. It also includes documentation pertaining to research activities of the Commission. Included are:

1. Project description documents.
2. Letter reports of accomplishments and data reports; for example,
  - a. model documentation reports
  - b. code documentation reports
  - c. code verification reports
3. Pre-test prediction reports.
4. "Quick look" reports.
5. Informal experimental data reports and post-irradiation examination analyses.
6. Conceptual design descriptions.
7. Letter reports of foreign travel and site visits by contractors.
8. Letter, monthly, quarterly, interim or annual status or progress reports on other research projects contracted for by the NRC.
9. Meeting summaries and correspondence dealing with technical matters relating to research and technical assistance contracts.
10. Staff Research Information Letters (RILs) transmitting the documented results from completed research programs.

NOTE: For final reports of research conducted by contractors, see also NUREG reports.

## **REVIEW GRP – NRC Research Review Groups**

This category contains records pertaining to the activities of NRC Research Review Groups. Such groups provide a broad base of technical expertise to aid management in reviewing research in defined technical areas. They review and comment on research plans and predicted results of major experiments, the validity and applicability of research results, the possible redirection of research projects, new research projects, and priorities within the technical areas covered by the research review group. Documents in this category are:

1. Agendas for quarterly review group meetings.
2. Summary minutes of review group meetings representing views expressed, including dissenting views.
3. Research plans and predicted results of major experiments; presentations by research contractors.
4. Comments on meetings from attendees, including representatives from contractors, universities, vendors and other agencies.
5. Internal memoranda relating to topics under discussion.



## **RM — Rulemakings**

This category contains records pertaining to public hearings held on proposed changes (PRs) to the Commission's regulations. Hearings are instituted at the discretion of the Commission based on the importance and the magnitude of the subject under consideration. Documents in this category include

1. Designations of the presiding officer and any special directions for the conduct of the hearing.
2. Notifications of hearing board meetings.
3. Petitions, motions, testimony and statements submitted by parties to the hearings.
4. Hearing board orders and rulings.
5. Technical reports submitted as evidence in the proceeding.
6. Reports, if any, of the special board to the Commission regarding a rulemaking proceeding.

## **SECY — Position Papers Before the Commission**

This category consists of staff papers prepared for the information or approval of the Commissioners which are assigned a SECY report series code. Included are:

1. Commission Action papers, which normally include alternatives and recommendations by the staff on a given issue and require Commission action.
2. Consent Calendar items and Policy Session items.

NOTE: For Weekly Information Reports prepared by EDO to the Commissioners providing a summary of key events and items of interest undertaken by staff and program offices, see the NRC Commissioners category.

## **STATE PROG — State Programs**

This category contains records that pertain to the Commission's activities and interaction with State governments. Areas covered include: (1) the State Agreements Program, whereby States may assume certain of the NRC's regulatory authority over nuclear materials; (2) the Agency's role in assisting State and local governments in planning responses to radiological emergencies; and (3) a wide range of liaison and cooperative activities regarding such functions as licensing and siting. It includes:

1. Correspondence between and among NRC Office of State Programs and State officials, mostly State liaison officers, regarding:
  - a. cooperative programs in such technical areas as radiation control, emergency response planning to radiological incidents, water quality and transportation surveillance.
  - b. technical assistance to Agreement States in reviewing applications, compliance actions, developing regulations, and other areas.
2. Agendas, reports and transcripts of regional workshops and training programs on current matters of policy and regulations; i.e. decommissioning and facility siting.
3. State Legislative Reports.
4. Agreement State Licensing Statistics Reports.

**NOTE:** For specific uranium milling and mining projects in which the Agency is providing technical assistance to States, see the Projects category.

#### **TOPREP – Vendor Reports and Related Correspondence**

This category contains topical reports, generally of a technical generic nature, submitted by vendors, and correspondence pertaining to the NRC review of these reports. General vendor related correspondence that is not docket specific is also included in this category.

1. Topical reports, dealing with such technical matters as specifications, testing and safety submitted by architect, engineers and other vendors.
2. Revisions, modifications and amendments to topical reports.
3. Correspondence between NRC and vendors pertaining to the review of submittals.
4. Meeting agendas, summaries, minutes and correspondence pertinent to vendor activities, programs, methodologies and design criteria.

**NOTE:** For reports submitted by utilities that are written by vendors on their behalf and that relate to docketed cases, see the categories for the Docket 50 series.

#### **WASTE MGT – Nuclear Waste Management**

This category is topical in nature and contains records dealing with the activities of the NRC Division of Waste Management. Each topic has been assigned a number, with the series designated by a WM prefix. These documents deal primarily with NRC's interaction with DOE and its future role in licensing and regulating DOE facilities designed for the disposal of high-level waste in geologic repositories. This category will be enlarged later to include records dealing with low-level waste issues and tasks. The documents in this category are:

1. Meeting agenda and minutes of DOE/NRC meetings in which DOE presents information on their geological exploration program to identify sites for nuclear waste repositories.
2. Briefings by DOE on research being conducted on spent fuel storage and nuclear waste management.
3. Correspondence pertaining to NRC's advisory role in providing DOE with technical assistance in the Waste Isolation Pilot Plan (WIPP) for burial of defense wastes.
4. NRC draft staff guides for developing positions on the content and format of environmental reports for geological repositories.

#### **XPORTLIC – Export and Import Licenses**

This category contains records relating to the issuance of licenses to export or import nuclear facilities and materials. Included are:

1. License applications and amendments to export or import special nuclear material, source material, byproduct material, reactors, nuclear facility components or reactor materials.
2. Correspondence between NRC and applicant or licensee pertaining to the review or status of a pending application or license amendment.
3. Commission letters requesting Executive Branch views.

4. Review and findings of the Executive Branch on whether issuance of a license would be inimical to U.S. common defense and security.
5. Correspondence from foreign governments, international organizations, and members of the public.
6. Staff position papers (SECY series code) prepared for Commissioners review of import or export licenses.
7. Filings pursuant to hearing requests or intervention petitions, if any.
8. Hearing records and decisions.
9. Memoranda from the Office of the Secretary to the Executive Director for Operations regarding the Commission decision on issuance of a proposed license.
10. Licenses, license amendments and license renewals for types specified in item 1.

NOTE: For transcripts of Commission meetings and papers submitted for Commissioner consideration or information, see 10CFR category.

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| NRC FORM 335<br>(7 77)  |  | U.S. NUCLEAR REGULATORY COMMISSION<br><b>BIBLIOGRAPHIC DATA SHEET</b> |  | 1. REPORT NUMBER (Assigned by DDC)<br>NUREG-0540 Vol 2, No 3 |  |
| 4 TITLE AND SUBTITLE (Add Volume No, if appropriate)<br>Title List of Documents Made Publicly Available<br>March 1-31, 1980   |  |   |  | 2. (Leave blank)   |  |
| 7 AUTHOR(S)   |  |   |  | 3 RECIPIENT'S ACCESSION NO                                   |  |
| 9 PERFORMING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code)<br>Division of Technical Information and Document Control<br>U.S. Nuclear Regulatory Commission<br>Washington, D.C. 20555   |  |   |  | 5. DATE REPORT COMPLETED<br>MONTH April YEAR 1980            |  |
| 12. SPONSORING ORGANIZATION NAME AND MAILING ADDRESS (Include Zip Code)<br>Division of Technical Information and Document Control<br>U.S. Nuclear Regulatory Commission<br>Washington, D.C. 20555   |  |   |  | DATE REPORT ISSUED<br>MONTH May YEAR 1980                    |  |
| 13 TYPE OF REPORT<br>Monthly  |  |   |  | PERIOD COVERED (Inclusive dates)<br>,                        |  |
| 15 SUPPLEMENTARY NOTES  |  |   |  | 6 (Leave blank)  |  |
| 16 ABSTRACT (200 words or less)<br><br>This document is a monthly publication containing descriptions of information received and generated by the U.S. NRC. This information includes (1) docketed material associated with civilian nuclear power plants and other uses of radioactive materials and (2) nondocketed material received and generated by NRC pertinent to its role as a regulatory agency. The docketed information includes information formerly issued through U.S. Department of Energy's Technical Information Center under the title <u>Power Reactor Docket Information (PRDI)</u> . This document replaces PRDI, which will no longer be prepared. It is indexed by a Personal Author Index, Corporate Source Index, and Report Number Index. |  |   |  | 8 (Leave blank)  |  |
| 17 KEY WORDS AND DOCUMENT ANALYSIS  |  |   |  | 10 PROJECT/TASK/WORK UNIT NO                                 |  |
| 17a DESCRIPTORS   |  |   |  | 11 CONTRACT NO   |  |
| 17b IDENTIFIERS/OPEN-ENDED TERMS  |  |   |  | 14 (Leave blank)   |  |
| 18. AVAILABILITY STATEMENT  |  | 19. SECURITY CLASS (This report)                                      |  | 21 NO OF PAGES   |  |
| 20. SECURITY CLASS (This page)  |  | 22 PRICE  |  | S  |  |